

UICI - ____11____

QUARTERLY REPORTS

From: [Robinson, Kelly](#)
To: [Chavez, Carl J. EMNRD](#)
Cc: [Kuehling, Monica, EMNRD](#)
Subject: [EXT] 1Q Injection Well Report - Bloomfield Terminal
Date: Friday, May 15, 2020 4:04:50 PM
Attachments: [Injection Well 1Q2020 Report to Carl Chavez-OCD.pdf](#)

Good Afternoon Sir,

Attached is the 2020 1st Quarter Injection Well Report pursuant to UICI Permit -011 Condition 2.I.1. A hard copy has been sent to your attention and to the Aztec District Office. If you should have any questions or need additional information, please feel free to contact me at your convenience.

Thank you so much for your time!

Sincerely,

Kelly R. Robinson | **Environmental Supervisor– Pipe Line Division**
Marathon Petroleum / Western Refining | 111 County Road 4990, Bloomfield, NM 87413
Office: 505.632.4166 | Mobile: 505.801.5616 | KRobinson3@MarathonPetroleum.com

Please update my email address in your system as it has recently changed.



May 14, 2020

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

UPS Tracker #: 1Z T9N 4E9 30 2000 3417 (NMOCD-Santa Fe)

RE: 1st Quarter 2020 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between January 1st, 2020 and March 31st, 2020, which includes the following:

- Attachment A: 2020 Quarterly Injection Well Summary Table
- Attachment B: Analytical summary of quarterly samples collected in March 2020
- Attachment C: Copy of quarterly analytical report
- Attachment D: Summary of Well Operational Logs
- Attachment E: Groundwater Monitoring Well Data Summary

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or krobinson3@marathonpetroleum.com

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

ATTACHMENT A

Quarterly Injection Well Summary Table

ATTACHMENT A

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL
P.O. BOX 159
BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT
DISCHARGE PERMIT UICL-011 (WDW #2)
U.I. H, SEC 27, T29N, R11W
API #: 30-045-35747

PERIOD	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTAL AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
2020													
JAN	0	1,252,000	282,210	576	1,382	514	753	92	<-3	61	34	23	28
FEB	0	888,000	171,612	600	1,378	601	762	65	<-6	34	34	26	29
MAR	0	1,134,000	83,244	699	1,391	597	705	55	<-6	29	34	28	31
APR													
MAY													
JUN													
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													

The total amount injected in 2020 is:

537,066 gallons

CERTIFICATION:

Kelly Palmer

DATE: 5-11-2020

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2019 Quarterly Analytical Summary

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter
Volatile Organic Compounds (mg/L)				3/25/2020
D029	1,1-Dichloroethene	0.70	5	< 0.20
D028	1,2-Dichloroethane (EDC)	0.50	10	< 0.20
D027	1,4-Dichlorobenzene	7.5		< 0.20
D035	2-Butanone (MEK)	200		< 2.0
D018	Benzene	0.50	10	< 0.50
D019	Carbon Tetrachloride	0.50	10	< 0.20
D021	Chlorobenzene	100		< 0.20
D022	Chloroform	6.0	100	< 0.20
D033	Hexachlorobutadiene	0.50		< 0.20
D039	Tetrachloroethene (PCE)	0.70	20	< 0.20
D040	Trichloroethene (TCE)	0.50	100	< 0.20
D043	Vinyl chloride	0.20	1	< 0.20
Semi-Volatile Organic Compounds (mg/L)				
D027	1,4-Dichlorobenzene	7.5		<0.01
D041	2,4,5-Trichlorophenol	400		<0.01
D042	2,4,6-Trichlorophenol	2.0		<0.01
D030	2,4-Dinitrotoluene	0.13		<0.01
D023	2-Methylphenol (o-Cresol)	200		<0.01
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<0.01
D032	Hexachlorobenzene	0.13		<0.01
D033	Hexachlorobutadiene	0.50		<.020
D034	Hexachloroethane	3.0		<0.01
D036	Nitrobenzene	2.0		<0.01
D037	Pentachlorophenol	100		<0.020
D038	Pyridine	5.0		<0.03
General Chemistry (mg/L unless otherwise stated)				
	Specific Conductance (umhos/cm3)			4500
	Bromide			4
	Chloride		250 *	1200
	Fluoride			<2.0
	Nitrate + Nitrite as N			<0.50
	Phosphorus, Orthophosphate (As P)			<2.5
	Sulfate		600 *	87
	Total Dissolved Solids		10,000	2920
	pH (pH Units)			7.27
	Bicarbonate (As CaCO3)			569
	Carbonate (As CaCO3)			<2.0
	Total Alkalinity (as CaCO3)			569
	Oxidation-Reduction Potential (mV)			6.2
	Specific Gravity			0.993
Total Metals (mg/L)				
D004	Arsenic	5.0		< 0.030
D005	Barium	100		0.32
D006	Cadmium	1.0		< 0.0020
D007	Chromium	5.0		< 0.0060
D008	Lead	5.0		< 0.020
D010	Selenium	1.0		< 0.050
D011	Silver	5.0		< 0.0050
D009	Mercury	0.2	0.002	< 0.00020
Dissolved Metals (mg/L)				
	Calcium		0.01	90
	Magnesium			53
	Potassium			< 20
	Sodium			830
Ignitability, Corrosivity, and Reactivity				
D003	Reactive Cyanide (mg/L)			<0.005
D003	Reactive Sulfide (mg/L)			0.32
D001	Ignitability (° F)	< 140° F		>170
D002	Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	7.27
Pesticides (mg/L)				
	Chlordane	0.03		<0.002
Field Parameters				
	pH			7.59
	Temperature (° C)			24.5

Notes:

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

Field Parameters collected

APPENDIX C

Analytical Laboratory Report



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

April 15, 2020

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX: (505) 632-3911

RE: WDW 2 Injection Well

OrderNo.: 2003C07

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/26/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2003C07

Date Reported: 4/15/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW 2 Injection Well

Collection Date: 3/25/2020 11:20:00 AM

Lab ID: 2003C07-001

Matrix: AQUEOUS

Received Date: 3/26/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	0.9930	0			1	4/8/2020 10:27:00 AM	R67933
EPA METHOD 300.0: ANIONS							Analyst: CJS
Fluoride	ND	2.0		mg/L	20	4/3/2020 8:22:57 PM	R67842
Chloride	1200	50	*	mg/L	100	4/2/2020 8:17:18 PM	R67807
Nitrogen, Nitrite (As N)	ND	0.50	H	mg/L	5	3/27/2020 8:58:18 PM	R67641
Bromide	4.0	0.50		mg/L	5	3/27/2020 8:58:18 PM	R67641
Nitrogen, Nitrate (As N)	ND	0.50	H	mg/L	5	3/27/2020 8:58:18 PM	R67641
Phosphorus, Orthophosphate (As P)	ND	2.5	H	mg/L	5	4/3/2020 9:01:34 PM	R67842
Sulfate	87	2.5		mg/L	5	3/27/2020 8:58:18 PM	R67641
SM2510B: SPECIFIC CONDUCTANCE							Analyst: vfs
Conductivity	4500	5.0		µmhos/c	1	3/31/2020 10:27:05 AM	R67720
SM2320B: ALKALINITY							Analyst: vfs
Bicarbonate (As CaCO3)	569.0	20.00		mg/L Ca	1	3/30/2020 6:28:59 PM	R67685
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	3/30/2020 6:28:59 PM	R67685
Total Alkalinity (as CaCO3)	569.0	20.00		mg/L Ca	1	3/30/2020 6:28:59 PM	R67685
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	2920	100	*D	mg/L	1	4/3/2020 3:27:00 PM	51479
SM4500-H+B / 9040C: PH							Analyst: vfs
pH	7.64		H	pH units	1	3/30/2020 6:28:59 PM	R67685
EPA METHOD 7470: MERCURY							Analyst: pmf
Mercury	ND	0.00020		mg/L	1	4/6/2020 4:53:53 AM	51574
EPA METHOD 6010B: DISSOLVED METALS							Analyst: ELS
Calcium	90	20		mg/L	20	4/2/2020 10:08:06 AM	A67781
Magnesium	53	20		mg/L	20	4/2/2020 10:08:06 AM	A67781
Potassium	ND	20		mg/L	20	4/2/2020 10:08:06 AM	A67781
Sodium	830	20		mg/L	20	4/2/2020 10:08:06 AM	A67781
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: ELS
Arsenic	ND	0.030		mg/L	1	3/31/2020 10:10:10 AM	51418
Barium	0.32	0.0020		mg/L	1	3/31/2020 9:11:22 AM	51418
Cadmium	ND	0.0020		mg/L	1	3/31/2020 9:11:22 AM	51418
Chromium	ND	0.0060		mg/L	1	3/31/2020 9:11:22 AM	51418
Lead	ND	0.020		mg/L	1	3/31/2020 9:11:22 AM	51418
Selenium	ND	0.050		mg/L	1	3/31/2020 9:11:22 AM	51418
Silver	ND	0.0050		mg/L	1	3/31/2020 9:11:22 AM	51418
EPA METHOD 8081: PESTICIDES							Analyst: JME

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2003C07

Date Reported: 4/15/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW 2 Injection Well

Collection Date: 3/25/2020 11:20:00 AM

Lab ID: 2003C07-001

Matrix: AQUEOUS

Received Date: 3/26/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES							Analyst: JME
Chlordane	ND	2.0		µg/L	1	4/8/2020 8:58:41 AM	51482
Surr: Decachlorobiphenyl	32.2	38.2-102	S	%Rec	1	4/8/2020 8:58:41 AM	51482
Surr: Tetrachloro-m-xylene	28.4	32.3-92.4	S	%Rec	1	4/8/2020 8:58:41 AM	51482
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
2,4-Dinitrotoluene	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
Hexachlorobenzene	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
Hexachlorobutadiene	ND	20		µg/L	1	4/5/2020 8:28:42 PM	51448
Hexachloroethane	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
2-Methylphenol	11	10		µg/L	1	4/5/2020 8:28:42 PM	51448
3+4-Methylphenol	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
Nitrobenzene	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
Pentachlorophenol	ND	20		µg/L	1	4/5/2020 8:28:42 PM	51448
Pyridine	ND	30		µg/L	1	4/5/2020 8:28:42 PM	51448
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/5/2020 8:28:42 PM	51448
Surr: 2-Fluorophenol	28.6	19.1-74.7		%Rec	1	4/5/2020 8:28:42 PM	51448
Surr: Phenol-d5	22.6	19.2-57		%Rec	1	4/5/2020 8:28:42 PM	51448
Surr: 2,4,6-Tribromophenol	34.3	31-96.4		%Rec	1	4/5/2020 8:28:42 PM	51448
Surr: Nitrobenzene-d5	48.2	46.2-101		%Rec	1	4/5/2020 8:28:42 PM	51448
Surr: 2-Fluorobiphenyl	15.8	39.7-98.2	S	%Rec	1	4/5/2020 8:28:42 PM	51448
Surr: 4-Terphenyl-d14	16.4	31.1-102	S	%Rec	1	4/5/2020 8:28:42 PM	51448
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	0.50		µg/L	200	4/3/2020 8:35:00 PM	R67816
Toluene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Ethylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Methyl tert-butyl ether (MTBE)	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2,4-Trimethylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,3,5-Trimethylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2-Dichloroethane (EDC)	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2-Dibromoethane (EDB)	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Naphthalene	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
1-Methylnaphthalene	ND	0.80		µg/L	200	4/3/2020 8:35:00 PM	R67816
2-Methylnaphthalene	ND	0.80		µg/L	200	4/3/2020 8:35:00 PM	R67816
Acetone	ND	2.0		µg/L	200	4/3/2020 8:35:00 PM	R67816
Bromobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Bromodichloromethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Bromoform	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2003C07

Date Reported: 4/15/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW 2 Injection Well

Collection Date: 3/25/2020 11:20:00 AM

Lab ID: 2003C07-001

Matrix: AQUEOUS

Received Date: 3/26/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Bromomethane	ND	0.60		µg/L	200	4/3/2020 8:35:00 PM	R67816
2-Butanone	ND	2.0		µg/L	200	4/3/2020 8:35:00 PM	R67816
Carbon disulfide	ND	2.0		µg/L	200	4/3/2020 8:35:00 PM	R67816
Carbon Tetrachloride	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Chlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Chloroethane	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
Chloroform	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Chloromethane	ND	0.60		µg/L	200	4/3/2020 8:35:00 PM	R67816
2-Chlorotoluene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
4-Chlorotoluene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
cis-1,2-DCE	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
cis-1,3-Dichloropropene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2-Dibromo-3-chloropropane	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
Dibromochloromethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Dibromomethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2-Dichlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,3-Dichlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,4-Dichlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Dichlorodifluoromethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1-Dichloroethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1-Dichloroethene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2-Dichloropropane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,3-Dichloropropane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
2,2-Dichloropropane	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1-Dichloropropene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Hexachlorobutadiene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
2-Hexanone	ND	2.0		µg/L	200	4/3/2020 8:35:00 PM	R67816
Isopropylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
4-Isopropyltoluene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
4-Methyl-2-pentanone	ND	2.0		µg/L	200	4/3/2020 8:35:00 PM	R67816
Methylene Chloride	ND	0.60		µg/L	200	4/3/2020 8:35:00 PM	R67816
n-Butylbenzene	ND	0.60		µg/L	200	4/3/2020 8:35:00 PM	R67816
n-Propylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
sec-Butylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Styrene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
tert-Butylbenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1,1,2-Tetrachloroethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1,2,2-Tetrachloroethane	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
Tetrachloroethene (PCE)	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816

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

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

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
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P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2003C07

Date Reported: 4/15/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW 2 Injection Well

Collection Date: 3/25/2020 11:20:00 AM

Lab ID: 2003C07-001

Matrix: AQUEOUS

Received Date: 3/26/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
trans-1,2-DCE	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
trans-1,3-Dichloropropene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2,3-Trichlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2,4-Trichlorobenzene	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1,1-Trichloroethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,1,2-Trichloroethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Trichloroethene (TCE)	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Trichlorofluoromethane	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
1,2,3-Trichloropropane	ND	0.40		µg/L	200	4/3/2020 8:35:00 PM	R67816
Vinyl chloride	ND	0.20		µg/L	200	4/3/2020 8:35:00 PM	R67816
Xylenes, Total	ND	0.30		µg/L	200	4/3/2020 8:35:00 PM	R67816
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	200	4/3/2020 8:35:00 PM	R67816
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	200	4/3/2020 8:35:00 PM	R67816
Surr: Dibromofluoromethane	108	70-130		%Rec	200	4/3/2020 8:35:00 PM	R67816
Surr: Toluene-d8	95.2	70-130		%Rec	200	4/3/2020 8:35:00 PM	R67816

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

April 02, 2020

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1203632
Samples Received: 03/28/2020
Project Number:
Description:

Report To:

4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:



Daphne Richards
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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
2003C07-001 INJECTION WELL WATER L1203632-01	5	
Qc: Quality Control Summary	6	⁴ Cn
Wet Chemistry by Method 2580	6	⁵ Sr
Wet Chemistry by Method 4500 CN E-2011	7	
Wet Chemistry by Method 9034-9030B	8	⁶ Qc
Wet Chemistry by Method 9040C	9	
Wet Chemistry by Method D93/1010A	10	⁷ Gl
Gl: Glossary of Terms	11	
Al: Accreditations & Locations	12	⁸ Al
Sc: Sample Chain of Custody	13	⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



2003C07-001 INJECTION WELL WATER L1203632-01 GW

Collected by

Collected date/time

Received date/time

03/25/20 11:20

03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG1452842	1	03/31/20 13:43	03/31/20 13:43	MJA	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2011	WG1452851	1	04/01/20 10:50	04/01/20 17:06	BAM	Mt. Juliet, TN
Wet Chemistry by Method 9034-9030B	WG1452619	1	03/30/20 16:39	03/30/20 16:39	MJA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1452768	1	03/30/20 14:00	03/30/20 14:00	JIC	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG1452856	1	04/01/20 12:32	04/01/20 12:32	MJA	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L1203632

DATE/TIME:

04/02/20 12:43

PAGE:

3 of 14



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.

Daphne Richards
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 9012B.

All Reactive Sulfide results reported in the attached report were determined as totals using method 9034/9030B.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 03/25/20 11:20

L1203632

Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	6.20	<u>T8</u>	1	03/31/2020 13:43	WG1452842

¹ Cp² Tc

Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	04/01/2020 17:06	WG1452851

³ Ss⁴ Cn

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	0.325		0.0500	1	03/30/2020 16:39	WG1452619

⁵ Sr⁶ Qc

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Corrosivity by pH	7.27	<u>T8</u>	1	03/30/2020 14:00	WG1452768

⁷ Gl⁸ Al

Sample Narrative:

L1203632-01 WG1452768: 7.27 at 19.4C

⁹ Sc

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	04/01/2020 12:32	WG1452856



L1203632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1203632-01 03/31/20 13:43 • (DUP) R3514562-2 03/31/20 13:43						
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u>	DUP Diff Limits mV
ORP	6.20	9.50	1	3.30		20

Laboratory Control Sample (LCS)

(LCS) R3514562-1 03/31/20 13:43						
Analyte	Spike Amount mV	LCS Result mV	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	
ORP	92.0	95.0	103	86.0-105		

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3514731-1 04/01/20 16:34

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

L1203597-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1203597-02 04/01/20 17:01 • (DUP) R3514731-7 04/01/20 17:02

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

L1203613-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1203613-02 04/01/20 17:04 • (DUP) R3514731-8 04/01/20 17:05

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

Laboratory Control Sample (LCS)

(LCS) R3514731-2 04/01/20 16:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.105	105	90.0-110	

L1202333-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1202333-02 04/01/20 16:46 • (MS) R3514731-3 04/01/20 16:47 • (MSD) R3514731-4 04/01/20 16:48

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	0.0131	0.115	0.113	102	99.9	1	75.0-125			1.75	20

L1202561-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1202561-02 04/01/20 16:52 • (MS) R3514731-5 04/01/20 16:53 • (MSD) R3514731-6 04/01/20 16:54

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	0.104	0.102	101	99.2	1	75.0-125			1.94	20



Method Blank (MB)

(MB) R3514014-1 03/30/20 16:31

Analyte	MB Result mg/l	<u>MB Qualifier</u>	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.00650	0.0500

Laboratory Control Sample (LCS)

(LCS) R3514014-2 03/30/20 16:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Reactive Sulfide	0.500	0.496	99.2	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS)

(LCS) R3514056-1 03/30/20 14:00

Analyte	Spike Amount		LCS Result		LCS Rec.		Rec. Limits		LCS Qualifier	
	su		su	%	su	%	%			
Corrosivity by pH	10.0		9.99		99.9		99.0-101			

Sample Narrative:

LCS: 9.99 at 20.6C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



L1200394-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1200394-05 04/01/20 12:32 • (DUP) R3514694-3 04/01/20 12:32

Analyte	Original Result deg F	DUP Result deg F	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Flashpoint	139	139	1	0.000		10

Sample Narrative:

OS: This sample was run twice in this WG with the same result each time.

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

(LCS) R3514694-1 04/01/20 12:32 • (LCSD) R3514694-2 04/01/20 12:32

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	82.0	82.9	82.9	101	101	97.0-103			0.000	10

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 G

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

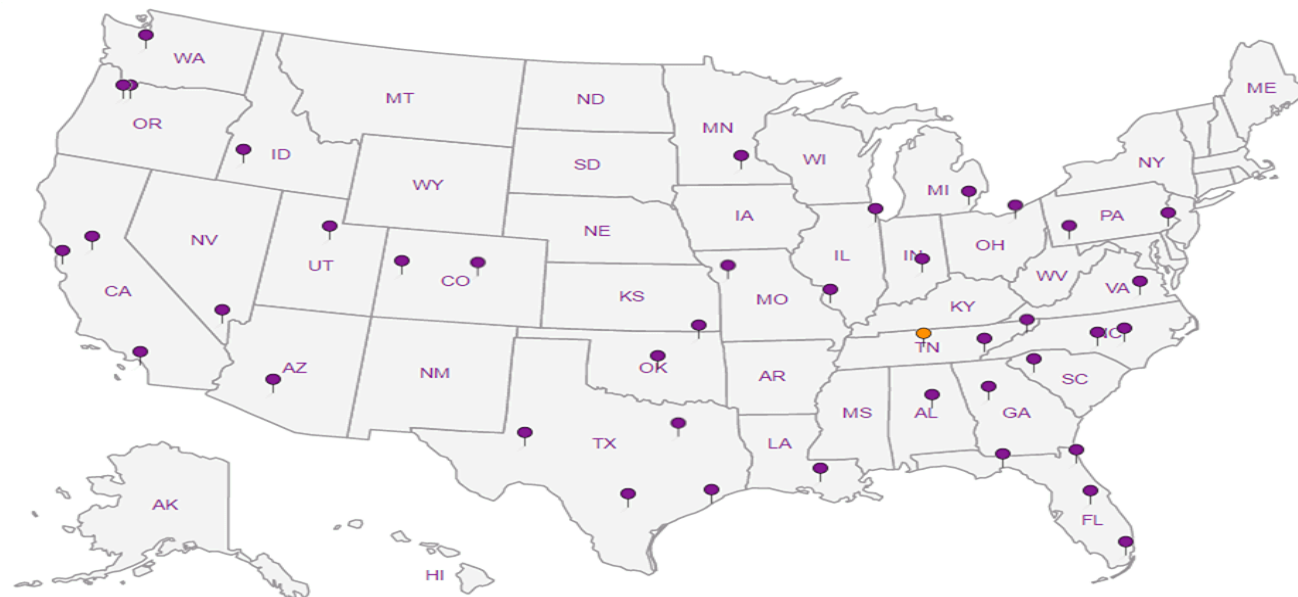
Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central 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 CONTRACTOR		PACE TN		COMPANY		PACE TN		PHONE:	(800) 767-5859	FAX:	(615) 758-5859
ADDRESS:		12065 Lebanon Rd		ACCOUNT #:				EMAIL:			
CITY, STATE, ZIP:		Mt. Juliet, TN 37122									
ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS				
1	2003C07-001E	Injection Well Water	250HDPE	Aqueous	3/25/2020 11:20:00 AM	1	RCI and Oxidation Reduction Potential 1203632 - 01				
2	2003C07-001F	Injection Well Water	500PL-NAOH	Aqueous	3/25/2020 11:20:00 AM	1	RCI 02				
3	2003C07-001G	Injection Well Water	500PL-NAOH	Aqueous	3/25/2020 11:20:00 AM	1	RCI 03				

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:	Time: 11:53 AM	Received By:	Date: 3/27/2020	Time:	Date:	Time:	REPORT TRANSMITTAL DESIRED:
Relinquished By:	Time:	Received By:	Date:	Time:	Date:	Time:	☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE
Relinquished By:	Time:	Received By:	Date:	Time:	Date:	Time:	FOR LAB USE ONLY
TAT: (Standard ☐)			Next BD ☐ 2nd BD ☐ 3rd BD ☐		Temp of samples 0.5401-0.948		Attempt to Cool?
			RUSH		Comments: CASL		RAD SCREEN: <0.5 mR/hr
			Fedex Tracking: 4560 1668		9403		

Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

Client:

Cooler Received/Opened On: 3 12/7/20

Received By: *HALLMAN*

Signature: *Monica R. Ferencik*

Temperature: 12.03/32

Receipt Check List

COC Seal Present / Intact?

COC Signed / Accurate?

Bottles arrive intact?

Correct bottles used?

Sufficient volume sent?

If Applicable

VOA Zero headspace?

Preservation Correct / Checked?

NP

Yes

No

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R67641	RunNo: 67641								
Prep Date:	Analysis Date: 3/27/2020	SeqNo: 2335160 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R67641	RunNo: 67641								
Prep Date:	Analysis Date: 3/27/2020	SeqNo: 2335161 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	101	90	110			
Bromide	2.6	0.10	2.500	0	103	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	104	90	110			
Sulfate	10	0.50	10.00	0	103	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R67807	RunNo: 67807								
Prep Date:	Analysis Date: 4/2/2020	SeqNo: 2342209 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: R67807	RunNo: 67807								
Prep Date:	Analysis Date: 4/2/2020	SeqNo: 2342210 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	94.1	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R67842	RunNo: 67842								
Prep Date:	Analysis Date: 4/3/2020	SeqNo: 2343290 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Phosphorus, Orthophosphate (As P	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: LCS	SampType: lcs				TestCode: EPA Method 300.0: Anions					
Client ID: LCSW	Batch ID: R67842				RunNo: 67842					
Prep Date:	Analysis Date: 4/3/2020				SeqNo: 2343292	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	94.2	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	92.1	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB-51482	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES
Client ID: PBW	Batch ID: 51482	RunNo: 67939
Prep Date: 4/1/2020	Analysis Date: 4/8/2020	SeqNo: 2347751 Units: µg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chlordane	ND	1.0
Surr: Decachlorobiphenyl	2.3	2.500 94.0 38.2 102
Surr: Tetrachloro-m-xylene	2.0	2.500 79.7 32.3 92.4

Sample ID: LCS-51482	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSW	Batch ID: 51482	RunNo: 67939
Prep Date: 4/1/2020	Analysis Date: 4/8/2020	SeqNo: 2347752 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	1.1	2.500 43.7 38.2 102
Surr: Tetrachloro-m-xylene	0.94	2.500 37.7 32.3 92.4

Sample ID: LCSD-51482	SampType: LCSD	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSS02	Batch ID: 51482	RunNo: 67939
Prep Date: 4/1/2020	Analysis Date: 4/8/2020	SeqNo: 2347753 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	1.4	2.500 55.8 38.2 102 0 20
Surr: Tetrachloro-m-xylene	0.96	2.500 38.5 32.3 92.4 0 20

Sample ID: MB-51482	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES
Client ID: PBW	Batch ID: 51482	RunNo: 67939
Prep Date: 4/1/2020	Analysis Date: 4/8/2020	SeqNo: 2347762 Units: µg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chlordane	ND	1.0
Surr: Decachlorobiphenyl	2.6	2.500 102 38.2 102 S
Surr: Tetrachloro-m-xylene	2.1	2.500 82.1 32.3 92.4

Sample ID: LCS-51482	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSW	Batch ID: 51482	RunNo: 67939
Prep Date: 4/1/2020	Analysis Date: 4/8/2020	SeqNo: 2347763 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	1.2	2.500 47.3 38.2 102
Surr: Tetrachloro-m-xylene	0.95	2.500 38.2 32.3 92.4

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: LCSD-51482	SampType: LCSD		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSS02	Batch ID: 51482		RunNo: 67939							
Prep Date: 4/1/2020	Analysis Date: 4/8/2020		SeqNo: 2347764		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.5		2.500		60.6	38.2	102	0	20	
Surr: Tetrachloro-m-xylene	0.98		2.500		39.3	32.3	92.4	0	20	

Sample ID: LCS-51482	SampType: LCS		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSW	Batch ID: 51482		RunNo: 67939							
Prep Date: 4/1/2020	Analysis Date: 4/8/2020		SeqNo: 2347829		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.1		2.500		43.7	38.2	102			
Surr: Tetrachloro-m-xylene	0.92		2.500		36.9	32.3	92.4			

Sample ID: LCS-51482	SampType: LCS		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSW	Batch ID: 51482		RunNo: 67939							
Prep Date: 4/1/2020	Analysis Date: 4/8/2020		SeqNo: 2347830		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.2		2.500		47.6	38.2	102			
Surr: Tetrachloro-m-xylene	0.96		2.500		38.3	32.3	92.4			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: 100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R67816		RunNo: 67816							
Prep Date:	Analysis Date: 4/3/2020		SeqNo: 2343109		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	114	70	130			
Toluene	20	1.0	20.00	0	97.6	70	130			
Chlorobenzene	19	1.0	20.00	0	95.0	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	112	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		108	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	9.6		10.00		95.8	70	130			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R67816		RunNo: 67816							
Prep Date:	Analysis Date: 4/3/2020		SeqNo: 2343110		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R67816			RunNo: 67816						
Prep Date:	Analysis Date: 4/3/2020			SeqNo: 2343110		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R67816		RunNo: 67816							
Prep Date:	Analysis Date: 4/3/2020		SeqNo: 2343110		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	9.7		10.00		96.7	70	130			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB-51448	SampType: MBLK	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: PBW	Batch ID: 51448	RunNo: 67871								
Prep Date: 3/31/2020	Analysis Date: 4/5/2020	SeqNo: 2344458			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	10								
2,4-Dinitrotoluene	ND	10								
Hexachlorobenzene	ND	10								
Hexachlorobutadiene	ND	20								
Hexachloroethane	ND	10								
2-Methylphenol	ND	10								
3+4-Methylphenol	ND	10								
Nitrobenzene	ND	10								
Pentachlorophenol	ND	20								
Pyridine	ND	30								
2,4,5-Trichlorophenol	ND	10								
2,4,6-Trichlorophenol	ND	10								
Surr: 2-Fluorophenol	100		200.0		51.9	19.1	74.7			
Surr: Phenol-d5	78		200.0		38.9	19.2	57			
Surr: 2,4,6-Tribromophenol	120		200.0		60.5	31	96.4			
Surr: Nitrobenzene-d5	64		100.0		64.1	46.2	101			
Surr: 2-Fluorobiphenyl	53		100.0		52.9	39.7	98.2			
Surr: 4-Terphenyl-d14	70		100.0		69.9	31.1	102			

Sample ID: LCS-51448	SampType: LCS	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: LCSW	Batch ID: 51448	RunNo: 67871								
Prep Date: 3/31/2020	Analysis Date: 4/5/2020	SeqNo: 2344459			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	67	10	100.0	0	67.4	28.6	87.9			
2,4-Dinitrotoluene	57	10	100.0	0	57.4	44	88.3			
Pentachlorophenol	140	20	200.0	0	70.6	30.6	83.6			
Surr: 2-Fluorophenol	170		200.0		85.9	19.1	74.7			S
Surr: Phenol-d5	160		200.0		78.5	19.2	57			S
Surr: 2,4,6-Tribromophenol	160		200.0		81.4	31	96.4			
Surr: Nitrobenzene-d5	87		100.0		87.2	46.2	101			
Surr: 2-Fluorobiphenyl	73		100.0		73.0	39.7	98.2			
Surr: 4-Terphenyl-d14	84		100.0		84.5	31.1	102			

Sample ID: 2003C07-001BMS	SampType: MS	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: Injection Well Water	Batch ID: 51448	RunNo: 67871								
Prep Date: 3/31/2020	Analysis Date: 4/5/2020	SeqNo: 2344461			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	21	10	100.0	0	20.9	15	88.6			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: 2003C07-001BMS		SampType: MS		TestCode: EPA Method 8270C: Semivolatiles						
Client ID: Injection Well Water		Batch ID: 51448		RunNo: 67871						
Prep Date: 3/31/2020		Analysis Date: 4/5/2020		SeqNo: 2344461		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	24	10	100.0	0	23.9	15	113			
Pentachlorophenol	64	20	200.0	0	32.1	15	105			
Surr: 2-Fluorophenol	60		200.0		29.9	19.1	74.7			
Surr: Phenol-d5	43		200.0		21.7	19.2	57			
Surr: 2,4,6-Tribromophenol	76		200.0		38.2	31	96.4			
Surr: Nitrobenzene-d5	45		100.0		44.7	46.2	101			S
Surr: 2-Fluorobiphenyl	16		100.0		15.7	39.7	98.2			S
Surr: 4-Terphenyl-d14	16		100.0		16.4	31.1	102			S

Sample ID: 2003C07-001BMSD		SampType: MSD		TestCode: EPA Method 8270C: Semivolatiles						
Client ID: Injection Well Water		Batch ID: 51448		RunNo: 67871						
Prep Date: 3/31/2020		Analysis Date: 4/5/2020		SeqNo: 2344462		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	25	10	100.0	0	24.6	15	88.6	16.6	46.8	
2,4-Dinitrotoluene	31	10	100.0	0	31.0	15	113	26.1	49.8	
Pentachlorophenol	84	20	200.0	0	42.1	15	105	27.0	52	
Surr: 2-Fluorophenol	68		200.0		34.1	19.1	74.7	0	0	
Surr: Phenol-d5	50		200.0		25.0	19.2	57	0	0	
Surr: 2,4,6-Tribromophenol	93		200.0		46.4	31	96.4	0	0	
Surr: Nitrobenzene-d5	51		100.0		51.3	46.2	101	0	0	
Surr: 2-Fluorobiphenyl	19		100.0		18.7	39.7	98.2	0	0	S
Surr: 4-Terphenyl-d14	23		100.0		22.7	31.1	102	0	0	S

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: Ics-1 99.9uS eC	SampType: Ics		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R67720		RunNo: 67720							
Prep Date:	Analysis Date: 3/31/2020		SeqNo: 2337973		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	5.0	99.90	0	99.6	85	115			

Sample ID: 2003C07-001c dup	SampType: dup		TestCode: SM2510B: Specific Conductance							
Client ID: Injection Well Water	Batch ID: R67720		RunNo: 67720							
Prep Date:	Analysis Date: 3/31/2020		SeqNo: 2337985		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	4400	5.0						0.173	20	

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB-51574	SampType: MBLK	TestCode: EPA Method 7470: Mercury
Client ID: PBW	Batch ID: 51574	RunNo: 67868
Prep Date: 4/6/2020	Analysis Date: 4/6/2020	SeqNo: 2344284 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020

Sample ID: LCSLL-51574	SampType: LCSLL	TestCode: EPA Method 7470: Mercury
Client ID: BatchQC	Batch ID: 51574	RunNo: 67868
Prep Date: 4/6/2020	Analysis Date: 4/6/2020	SeqNo: 2344285 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020 0.0001500 0 125 50 150

Sample ID: LCS-51574	SampType: LCS	TestCode: EPA Method 7470: Mercury
Client ID: LCSW	Batch ID: 51574	RunNo: 67868
Prep Date: 4/6/2020	Analysis Date: 4/6/2020	SeqNo: 2344286 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0048	0.00020 0.005000 0 95.8 80 120

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A67781	RunNo: 67781								
Prep Date:	Analysis Date: 4/2/2020	SeqNo: 2341007 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	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSW	Batch ID: A67781	RunNo: 67781								
Prep Date:	Analysis Date: 4/2/2020	SeqNo: 2341010 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	51	1.0	50.00	0	102	80	120			
Magnesium	50	1.0	50.00	0	100	80	120			
Potassium	48	1.0	50.00	0	96.5	80	120			
Sodium	50	1.0	50.00	0	101	80	120			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB-51418	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 51418	RunNo: 67723								
Prep Date: 3/30/2020	Analysis Date: 3/31/2020	SeqNo: 2338029 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								
Lead	ND	0.020								
Selenium	ND	0.050								
Silver	ND	0.0050								

Sample ID: LCS-51418	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 51418	RunNo: 67723								
Prep Date: 3/30/2020	Analysis Date: 3/31/2020	SeqNo: 2338030 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.48	0.0020	0.5000	0	96.0	80	120			
Cadmium	0.50	0.0020	0.5000	0	99.6	80	120			
Chromium	0.48	0.0060	0.5000	0	97.0	80	120			
Lead	0.50	0.020	0.5000	0	100	80	120			
Selenium	0.51	0.050	0.5000	0	101	80	120			
Silver	0.098	0.0050	0.1000	0	97.9	80	120			

Sample ID: MB-51418	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 51418	RunNo: 67723								
Prep Date: 3/30/2020	Analysis Date: 3/31/2020	SeqNo: 2338065 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.030								

Sample ID: LCS-51418	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 51418	RunNo: 67723								
Prep Date: 3/30/2020	Analysis Date: 3/31/2020	SeqNo: 2338066 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.51	0.030	0.5000	0	102	80	120			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: mb-1 alk	SampType: mblk	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R67685	RunNo: 67685
Prep Date:	Analysis Date: 3/30/2020	SeqNo: 2337802 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: R67685	RunNo: 67685
Prep Date:	Analysis Date: 3/30/2020	SeqNo: 2337803 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	77.20	20.00 80.00 0 96.5 90 110

Sample ID: 2003C07-001c dup	SampType: dup	TestCode: SM2320B: Alkalinity
Client ID: Injection Well Water	Batch ID: R67685	RunNo: 67685
Prep Date:	Analysis Date: 3/30/2020	SeqNo: 2337822 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	570.8	20.00 0.316 20

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003C07

15-Apr-20

Client: Western Refining Southwest, Inc.

Project: WDW 2 Injection Well

Sample ID: MB-51479	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 51479	RunNo: 67825								
Prep Date: 4/1/2020	Analysis Date: 4/3/2020	SeqNo: 2342586	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-51479	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 51479	RunNo: 67825								
Prep Date: 4/1/2020	Analysis Date: 4/3/2020	SeqNo: 2342587	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: Western Refining Southw

Work Order Number: 2003C07

RcptNo: 1

Received By: Isaiah Ortiz

3/26/2020 7:50:00 AM

I-Ox

Completed By: Leah Baca

3/27/2020 8:46:06 AM

Leah Baca

Reviewed By: DAD 3/27/20

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH: 12

(<2 or >12 unless noted)

Adjusted? NO

Checked by: IO 3/27/20

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.1	Good				
2	1.2	Good				

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- Eh;
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3; and,
- EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST

EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

UICI-011 (WDW-2)
July 20, 2016

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B	0.5
		8260B	
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A	2.0
		8270D	
D043	Vinyl chloride	8021B	0.2
		8260B	

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used.

The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level.

If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

1. Pre-Closure Notification: Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.

2. Required Information: The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:

- Name of facility;
- Address of facility;
- Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
January 1, 2020 – March 31st, 2020**

ATTACHMENT D
Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/1/20 12:00 AM	0	90	527	128824
1/1/20 12:30 AM	0	90	527	128824
1/1/20 1:00 AM	0	90	527	128824
1/1/20 1:30 AM	0	90	527	128824
1/1/20 2:00 AM	0	90	527	128824
1/1/20 2:30 AM	0	90	527	128824
1/1/20 3:00 AM	0	90	527	128824
1/1/20 3:30 AM	0	89	527	128824
1/1/20 4:00 AM	0	89	527	128824
1/1/20 4:30 AM	0	89	527	128824
1/1/20 5:00 AM	0	89	527	128824
1/1/20 5:30 AM	0	89	527	128824
1/1/20 6:00 AM	0	89	527	128824
1/1/20 6:30 AM	0	89	527	128824
1/1/20 7:00 AM	0	89	527	128824
1/1/20 7:30 AM	0	89	527	128824
1/1/20 8:00 AM	0	89	527	128824
1/1/20 8:30 AM	0	89	528	128824
1/1/20 9:00 AM	0	88	528	128824
1/1/20 9:30 AM	0	88	527	128824
1/1/20 10:00 AM	0	88	527	128824
1/1/20 10:30 AM	0	89	527	128824
1/1/20 11:00 AM	0	89	527	128824
1/1/20 11:30 AM	0	89	527	128824
1/1/20 12:00 PM	0	89	527	128824
1/1/20 12:30 PM	0	89	527	128824
1/1/20 1:00 PM	0	89	527	128824
1/1/20 1:30 PM	0	89	526	128824
1/1/20 2:00 PM	0	89	526	128824
1/1/20 2:30 PM	0	89	526	128824
1/1/20 3:00 PM	0	89	526	128824
1/1/20 3:30 PM	0	89	526	128824
1/1/20 4:00 PM	0	89	527	128824
1/1/20 4:30 PM	0	89	526	128824
1/1/20 5:00 PM	0	89	527	128824
1/1/20 5:30 PM	0	89	527	128824
1/1/20 6:00 PM	0	89	526	128824
1/1/20 6:30 PM	0	89	527	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/1/20 7:00 PM	0	89	526	128824
1/1/20 7:30 PM	0	89	527	128824
1/1/20 8:00 PM	0	89	526	128824
1/1/20 8:30 PM	0	89	526	128824
1/1/20 9:00 PM	0	89	526	128824
1/1/20 9:30 PM	0	89	526	128824
1/1/20 10:00 PM	0	89	526	128824
1/1/20 10:30 PM	0	89	526	128824
1/1/20 11:00 PM	0	89	526	128824
1/1/20 11:30 PM	0	89	526	128824
1/2/20 12:00 AM	0	89	526	128824
1/2/20 12:30 AM	0	89	526	128824
1/2/20 1:00 AM	0	89	526	128824
1/2/20 1:30 AM	0	89	526	128824
1/2/20 2:00 AM	0	89	526	128824
1/2/20 2:30 AM	0	89	526	128824
1/2/20 3:00 AM	0	89	526	128824
1/2/20 3:30 AM	0	89	526	128824
1/2/20 4:00 AM	0	89	526	128824
1/2/20 4:30 AM	0	89	526	128824
1/2/20 5:00 AM	0	89	526	128824
1/2/20 5:30 AM	0	89	526	128824
1/2/20 6:00 AM	0	89	526	128824
1/2/20 6:30 AM	0	89	526	128824
1/2/20 7:00 AM	0	89	526	128824
1/2/20 7:30 AM	0	89	526	128824
1/2/20 8:00 AM	0	89	526	128824
1/2/20 8:30 AM	0	89	526	128824
1/2/20 9:00 AM	0	89	526	128824
1/2/20 9:30 AM	0	89	526	128824
1/2/20 10:00 AM	0	89	526	128824
1/2/20 10:30 AM	0	89	526	128824
1/2/20 11:00 AM	0	89	526	128824
1/2/20 11:30 AM	0	89	526	128824
1/2/20 12:00 PM	0	89	526	128824
1/2/20 12:30 PM	0	89	526	128824
1/2/20 1:00 PM	0	89	526	128824
1/2/20 1:30 PM	0	89	526	128824
1/2/20 2:00 PM	0	89	526	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/2/20 2:30 PM	0	89	526	128824
1/2/20 3:00 PM	0	90	526	128824
1/2/20 3:30 PM	0	90	525	128824
1/2/20 4:00 PM	0	90	525	128824
1/2/20 4:30 PM	0	90	525	128824
1/2/20 5:00 PM	0	90	525	128824
1/2/20 5:30 PM	0	90	525	128824
1/2/20 6:00 PM	0	90	525	128824
1/2/20 6:30 PM	0	90	525	128824
1/2/20 7:00 PM	0	90	525	128824
1/2/20 7:30 PM	0	90	525	128824
1/2/20 8:00 PM	0	90	525	128824
1/2/20 8:30 PM	0	90	525	128824
1/2/20 9:00 PM	0	90	525	128824
1/2/20 9:30 PM	0	90	525	128824
1/2/20 10:00 PM	0	90	525	128824
1/2/20 10:30 PM	0	90	525	128824
1/2/20 11:00 PM	0	90	525	128824
1/2/20 11:30 PM	0	90	525	128824
1/3/20 12:00 AM	0	90	525	128824
1/3/20 12:30 AM	0	89	525	128824
1/3/20 1:00 AM	0	89	525	128824
1/3/20 1:30 AM	0	89	525	128824
1/3/20 2:00 AM	0	89	525	128824
1/3/20 2:30 AM	0	89	525	128824
1/3/20 3:00 AM	0	89	525	128824
1/3/20 3:30 AM	0	89	525	128824
1/3/20 4:00 AM	0	89	525	128824
1/3/20 4:30 AM	0	89	525	128824
1/3/20 5:00 AM	0	89	525	128824
1/3/20 5:30 AM	0	89	525	128824
1/3/20 6:00 AM	0	89	525	128824
1/3/20 6:30 AM	0	89	525	128824
1/3/20 7:00 AM	0	89	525	128824
1/3/20 7:30 AM	0	89	525	128824
1/3/20 8:00 AM	0	89	525	128824
1/3/20 8:30 AM	0	89	525	128824
1/3/20 9:00 AM	0	89	526	128824
1/3/20 9:30 AM	0	89	525	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/3/20 10:00 AM	0	89	525	128824
1/3/20 10:30 AM	0	89	525	128824
1/3/20 11:00 AM	0	89	525	128824
1/3/20 11:30 AM	0	89	525	128824
1/3/20 12:00 PM	0	89	525	128824
1/3/20 12:30 PM	0	89	525	128824
1/3/20 1:00 PM	0	89	525	128824
1/3/20 1:30 PM	0	89	525	128824
1/3/20 2:00 PM	0	89	524	128824
1/3/20 2:30 PM	0	89	524	128824
1/3/20 3:00 PM	0	89	524	128824
1/3/20 3:30 PM	0	89	524	128824
1/3/20 4:00 PM	0	89	524	128824
1/3/20 4:30 PM	0	89	524	128824
1/3/20 5:00 PM	0	89	524	128824
1/3/20 5:30 PM	0	89	524	128824
1/3/20 6:00 PM	0	89	524	128824
1/3/20 6:30 PM	0	89	524	128824
1/3/20 7:00 PM	0	89	524	128824
1/3/20 7:30 PM	0	89	524	128824
1/3/20 8:00 PM	0	89	524	128824
1/3/20 8:30 PM	0	89	524	128824
1/3/20 9:00 PM	0	89	524	128824
1/3/20 9:30 PM	0	89	524	128824
1/3/20 10:00 PM	0	89	524	128824
1/3/20 10:30 PM	0	89	524	128824
1/3/20 11:00 PM	0	89	524	128824
1/3/20 11:30 PM	0	89	524	128824
1/4/20 12:00 AM	0	89	524	128824
1/4/20 12:30 AM	0	89	524	128824
1/4/20 1:00 AM	0	89	524	128824
1/4/20 1:30 AM	0	89	524	128824
1/4/20 2:00 AM	0	89	524	128824
1/4/20 2:30 AM	0	89	524	128824
1/4/20 3:00 AM	0	89	524	128824
1/4/20 3:30 AM	0	89	524	128824
1/4/20 4:00 AM	0	89	524	128824
1/4/20 4:30 AM	0	89	524	128824
1/4/20 5:00 AM	0	89	524	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/4/20 5:30 AM	0	89	524	128824
1/4/20 6:00 AM	0	89	524	128824
1/4/20 6:30 AM	0	89	524	128824
1/4/20 7:00 AM	0	89	524	128824
1/4/20 7:30 AM	0	89	524	128824
1/4/20 8:00 AM	0	89	524	128824
1/4/20 8:30 AM	0	89	524	128824
1/4/20 9:00 AM	0	89	524	128824
1/4/20 9:30 AM	0	89	524	128824
1/4/20 10:00 AM	0	89	524	128824
1/4/20 10:30 AM	0	89	524	128824
1/4/20 11:00 AM	0	89	524	128824
1/4/20 11:30 AM	0	89	524	128824
1/4/20 12:00 PM	0	89	524	128824
1/4/20 12:30 PM	0	89	524	128824
1/4/20 1:00 PM	0	89	524	128824
1/4/20 1:30 PM	0	89	524	128824
1/4/20 2:00 PM	0	89	524	128824
1/4/20 2:30 PM	0	89	524	128824
1/4/20 3:00 PM	0	89	524	128824
1/4/20 3:30 PM	0	89	524	128824
1/4/20 4:00 PM	0	89	523	128824
1/4/20 4:30 PM	0	89	523	128824
1/4/20 5:00 PM	0	89	523	128824
1/4/20 5:30 PM	0	89	523	128824
1/4/20 6:00 PM	0	89	523	128824
1/4/20 6:30 PM	0	89	523	128824
1/4/20 7:00 PM	0	89	523	128824
1/4/20 7:30 PM	0	89	523	128824
1/4/20 8:00 PM	0	89	523	128824
1/4/20 8:30 PM	0	89	523	128824
1/4/20 9:00 PM	0	89	523	128824
1/4/20 9:30 PM	0	89	523	128824
1/4/20 10:00 PM	0	89	523	128824
1/4/20 10:30 PM	0	89	523	128824
1/4/20 11:00 PM	0	89	523	128824
1/4/20 11:30 PM	0	89	523	128824
1/5/20 12:00 AM	0	89	523	128824
1/5/20 12:30 AM	0	89	523	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/5/20 1:00 AM	0	89	523	128824
1/5/20 1:30 AM	0	89	523	128824
1/5/20 2:00 AM	0	89	523	128824
1/5/20 2:30 AM	0	89	523	128824
1/5/20 3:00 AM	0	89	523	128824
1/5/20 3:30 AM	0	89	523	128824
1/5/20 4:00 AM	0	89	523	128824
1/5/20 4:30 AM	0	89	523	128824
1/5/20 5:00 AM	0	89	523	128824
1/5/20 5:30 AM	0	89	523	128824
1/5/20 6:00 AM	0	89	523	128824
1/5/20 6:30 AM	0	89	523	128824
1/5/20 7:00 AM	0	89	523	128824
1/5/20 7:30 AM	0	89	523	128824
1/5/20 8:00 AM	0	89	523	128824
1/5/20 8:30 AM	0	89	524	128824
1/5/20 9:00 AM	0	89	524	128824
1/5/20 9:30 AM	0	89	523	128824
1/5/20 10:00 AM	0	89	523	128824
1/5/20 10:30 AM	0	89	523	128824
1/5/20 11:00 AM	0	89	523	128824
1/5/20 11:30 AM	0	89	523	128824
1/5/20 12:00 PM	0	89	523	128824
1/5/20 12:30 PM	0	89	523	128824
1/5/20 1:00 PM	0	89	523	128824
1/5/20 1:30 PM	0	89	523	128824
1/5/20 2:00 PM	0	89	523	128824
1/5/20 2:30 PM	0	89	523	128824
1/5/20 3:00 PM	0	89	523	128824
1/5/20 3:30 PM	0	89	523	128824
1/5/20 4:00 PM	0	89	522	128824
1/5/20 4:30 PM	0	89	522	128824
1/5/20 5:00 PM	0	89	522	128824
1/5/20 5:30 PM	0	89	522	128824
1/5/20 6:00 PM	0	89	522	128824
1/5/20 6:30 PM	0	89	522	128824
1/5/20 7:00 PM	0	89	522	128824
1/5/20 7:30 PM	0	89	522	128824
1/5/20 8:00 PM	0	89	523	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/5/20 8:30 PM	0	89	522	128824
1/5/20 9:00 PM	0	89	522	128824
1/5/20 9:30 PM	0	89	522	128824
1/5/20 10:00 PM	0	89	522	128824
1/5/20 10:30 PM	0	89	522	128824
1/5/20 11:00 PM	0	89	522	128824
1/5/20 11:30 PM	0	89	522	128824
1/6/20 12:00 AM	0	89	522	128824
1/6/20 12:30 AM	0	89	522	128824
1/6/20 1:00 AM	0	89	522	128824
1/6/20 1:30 AM	0	89	522	128824
1/6/20 2:00 AM	0	89	522	128824
1/6/20 2:30 AM	0	89	522	128824
1/6/20 3:00 AM	0	89	522	128824
1/6/20 3:30 AM	0	89	522	128824
1/6/20 4:00 AM	0	89	522	128824
1/6/20 4:30 AM	0	89	522	128824
1/6/20 5:00 AM	0	89	522	128824
1/6/20 5:30 AM	0	89	522	128824
1/6/20 6:00 AM	0	89	522	128824
1/6/20 6:30 AM	0	89	522	128824
1/6/20 7:00 AM	0	89	522	128824
1/6/20 7:30 AM	0	89	522	128824
1/6/20 8:00 AM	0	89	522	128824
1/6/20 8:30 AM	0	89	523	128824
1/6/20 9:00 AM	0	89	523	128824
1/6/20 9:30 AM	0	89	523	128824
1/6/20 10:00 AM	0	89	522	128824
1/6/20 10:30 AM	0	89	522	128824
1/6/20 11:00 AM	0	89	522	128824
1/6/20 11:30 AM	0	89	522	128824
1/6/20 12:00 PM	0	89	522	128824
1/6/20 12:30 PM	0	89	522	128824
1/6/20 1:00 PM	0	89	522	128824
1/6/20 1:30 PM	0	89	522	128824
1/6/20 2:00 PM	0	89	522	128824
1/6/20 2:30 PM	0	89	522	128824
1/6/20 3:00 PM	0	90	522	128824
1/6/20 3:30 PM	0	90	522	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/6/20 4:00 PM	0	90	522	128824
1/6/20 4:30 PM	0	90	522	128824
1/6/20 5:00 PM	0	90	521	128824
1/6/20 5:30 PM	0	90	521	128824
1/6/20 6:00 PM	0	90	521	128824
1/6/20 6:30 PM	0	90	521	128824
1/6/20 7:00 PM	0	90	522	128824
1/6/20 7:30 PM	0	90	522	128824
1/6/20 8:00 PM	0	90	522	128824
1/6/20 8:30 PM	0	90	522	128824
1/6/20 9:00 PM	0	90	521	128824
1/6/20 9:30 PM	0	90	521	128824
1/6/20 10:00 PM	0	90	521	128824
1/6/20 10:30 PM	0	90	521	128824
1/6/20 11:00 PM	0	90	521	128824
1/6/20 11:30 PM	0	90	521	128824
1/7/20 12:00 AM	0	90	521	128824
1/7/20 12:30 AM	0	89	521	128824
1/7/20 1:00 AM	0	89	521	128824
1/7/20 1:30 AM	0	89	521	128824
1/7/20 2:00 AM	0	89	521	128824
1/7/20 2:30 AM	0	89	521	128824
1/7/20 3:00 AM	0	89	521	128824
1/7/20 3:30 AM	0	89	521	128824
1/7/20 4:00 AM	0	89	521	128824
1/7/20 4:30 AM	0	89	521	128824
1/7/20 5:00 AM	0	89	521	128824
1/7/20 5:30 AM	0	89	521	128824
1/7/20 6:00 AM	0	89	521	128824
1/7/20 6:30 AM	0	89	521	128824
1/7/20 7:00 AM	0	89	521	128824
1/7/20 7:30 AM	0	89	521	128824
1/7/20 8:00 AM	0	89	522	128824
1/7/20 8:30 AM	0	89	522	128824
1/7/20 9:00 AM	0	89	522	128824
1/7/20 9:30 AM	0	89	522	128824
1/7/20 10:00 AM	0	89	522	128824
1/7/20 10:30 AM	0	89	522	128824
1/7/20 11:00 AM	0	89	521	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/7/20 11:30 AM	0	89	521	128824
1/7/20 12:00 PM	0	89	521	128824
1/7/20 12:30 PM	0	89	521	128824
1/7/20 1:00 PM	0	89	521	128824
1/7/20 1:30 PM	0	89	521	128824
1/7/20 2:00 PM	0	89	521	128824
1/7/20 2:30 PM	0	89	521	128824
1/7/20 3:00 PM	0	89	521	128824
1/7/20 3:30 PM	0	89	521	128824
1/7/20 4:00 PM	0	89	521	128824
1/7/20 4:30 PM	0	89	521	128824
1/7/20 5:00 PM	0	89	520	128824
1/7/20 5:30 PM	0	89	520	128824
1/7/20 6:00 PM	0	89	521	128824
1/7/20 6:30 PM	0	89	521	128824
1/7/20 7:00 PM	0	89	521	128824
1/7/20 7:30 PM	0	89	521	128824
1/7/20 8:00 PM	0	89	521	128824
1/7/20 8:30 PM	0	89	521	128824
1/7/20 9:00 PM	0	89	521	128824
1/7/20 9:30 PM	0	89	521	128824
1/7/20 10:00 PM	0	89	521	128824
1/7/20 10:30 PM	0	89	521	128824
1/7/20 11:00 PM	0	89	521	128824
1/7/20 11:30 PM	0	89	520	128824
1/8/20 12:00 AM	0	89	520	128824
1/8/20 12:30 AM	0	89	521	128824
1/8/20 1:00 AM	0	89	521	128824
1/8/20 1:30 AM	0	89	521	128824
1/8/20 2:00 AM	0	89	520	128824
1/8/20 2:30 AM	0	89	521	128824
1/8/20 3:00 AM	0	89	521	128824
1/8/20 3:30 AM	0	89	521	128824
1/8/20 4:00 AM	0	89	521	128824
1/8/20 4:30 AM	0	89	521	128824
1/8/20 5:00 AM	0	89	521	128824
1/8/20 5:30 AM	0	89	521	128824
1/8/20 6:00 AM	0	89	521	128824
1/8/20 6:30 AM	0	89	520	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/8/20 7:00 AM	0	89	520	128824
1/8/20 7:30 AM	0	89	521	128824
1/8/20 8:00 AM	0	89	521	128824
1/8/20 8:30 AM	0	89	521	128824
1/8/20 9:00 AM	0	89	521	128824
1/8/20 9:30 AM	0	89	521	128824
1/8/20 10:00 AM	0	89	521	128824
1/8/20 10:30 AM	0	89	521	128824
1/8/20 11:00 AM	0	89	521	128824
1/8/20 11:30 AM	0	89	521	128824
1/8/20 12:00 PM	0	89	521	128824
1/8/20 12:30 PM	0	89	521	128824
1/8/20 1:00 PM	0	89	521	128824
1/8/20 1:30 PM	0	89	521	128824
1/8/20 2:00 PM	0	90	520	128824
1/8/20 2:30 PM	0	90	520	128824
1/8/20 3:00 PM	0	90	521	128824
1/8/20 3:30 PM	0	90	520	128824
1/8/20 4:00 PM	0	90	520	128824
1/8/20 4:30 PM	0	90	520	128824
1/8/20 5:00 PM	0	90	520	128824
1/8/20 5:30 PM	0	90	520	128824
1/8/20 6:00 PM	0	90	520	128824
1/8/20 6:30 PM	0	90	520	128824
1/8/20 7:00 PM	0	90	520	128824
1/8/20 7:30 PM	0	90	520	128824
1/8/20 8:00 PM	0	90	520	128824
1/8/20 8:30 PM	0	90	520	128824
1/8/20 9:00 PM	0	90	520	128824
1/8/20 9:30 PM	0	90	520	128824
1/8/20 10:00 PM	0	90	520	128824
1/8/20 10:30 PM	0	90	520	128824
1/8/20 11:00 PM	0	90	520	128824
1/8/20 11:30 PM	0	90	520	128824
1/9/20 12:00 AM	0	90	520	128824
1/9/20 12:30 AM	0	90	520	128824
1/9/20 1:00 AM	0	90	520	128824
1/9/20 1:30 AM	0	90	520	128824
1/9/20 2:00 AM	0	90	520	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/9/20 2:30 AM	0	90	520	128824
1/9/20 3:00 AM	0	90	520	128824
1/9/20 3:30 AM	0	90	520	128824
1/9/20 4:00 AM	0	90	519	128824
1/9/20 4:30 AM	0	90	519	128824
1/9/20 5:00 AM	0	90	519	128824
1/9/20 5:30 AM	0	90	519	128824
1/9/20 6:00 AM	0	90	519	128824
1/9/20 6:30 AM	0	90	519	128824
1/9/20 7:00 AM	0	90	519	128824
1/9/20 7:30 AM	0	90	519	128824
1/9/20 8:00 AM	0	90	520	128824
1/9/20 8:30 AM	0	90	520	128824
1/9/20 9:00 AM	0	90	520	128824
1/9/20 9:30 AM	0	90	520	128824
1/9/20 10:00 AM	0	90	520	128824
1/9/20 10:30 AM	0	90	520	128824
1/9/20 11:00 AM	0	90	520	128824
1/9/20 11:30 AM	0	90	520	128824
1/9/20 12:00 PM	0	90	520	128824
1/9/20 12:30 PM	0	90	520	128824
1/9/20 1:00 PM	0	90	519	128824
1/9/20 1:30 PM	0	90	519	128824
1/9/20 2:00 PM	0	90	519	128824
1/9/20 2:30 PM	0	90	519	128824
1/9/20 3:00 PM	0	90	519	128824
1/9/20 3:30 PM	0	90	519	128824
1/9/20 4:00 PM	0	90	519	128824
1/9/20 4:30 PM	0	90	519	128824
1/9/20 5:00 PM	0	90	519	128824
1/9/20 5:30 PM	0	90	519	128824
1/9/20 6:00 PM	0	90	519	128824
1/9/20 6:30 PM	0	90	519	128824
1/9/20 7:00 PM	0	90	519	128824
1/9/20 7:30 PM	0	90	519	128824
1/9/20 8:00 PM	0	90	519	128824
1/9/20 8:30 PM	0	90	519	128824
1/9/20 9:00 PM	0	90	519	128824
1/9/20 9:30 PM	0	90	519	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/9/20 10:00 PM	0	90	519	128824
1/9/20 10:30 PM	0	90	519	128824
1/9/20 11:00 PM	0	90	519	128824
1/9/20 11:30 PM	0	90	519	128824
1/10/20 12:00 AM	0	90	519	128824
1/10/20 12:30 AM	0	90	519	128824
1/10/20 1:00 AM	0	90	519	128824
1/10/20 1:30 AM	0	90	519	128824
1/10/20 2:00 AM	0	90	519	128824
1/10/20 2:30 AM	0	90	519	128824
1/10/20 3:00 AM	0	90	519	128824
1/10/20 3:30 AM	0	90	519	128824
1/10/20 4:00 AM	0	90	519	128824
1/10/20 4:30 AM	0	90	519	128824
1/10/20 5:00 AM	0	90	519	128824
1/10/20 5:30 AM	0	90	519	128824
1/10/20 6:00 AM	0	90	519	128824
1/10/20 6:30 AM	0	90	519	128824
1/10/20 7:00 AM	0	90	519	128824
1/10/20 7:30 AM	0	90	519	128824
1/10/20 8:00 AM	0	90	519	128824
1/10/20 8:30 AM	0	90	519	128824
1/10/20 9:00 AM	0	90	519	128824
1/10/20 9:30 AM	0	90	519	128824
1/10/20 10:00 AM	0	90	519	128824
1/10/20 10:30 AM	0	90	519	128824
1/10/20 11:00 AM	0	90	519	128824
1/10/20 11:30 AM	0	90	519	128824
1/10/20 12:00 PM	0	90	519	128824
1/10/20 12:30 PM	0	90	519	128824
1/10/20 1:00 PM	0	90	518	128824
1/10/20 1:30 PM	0	90	518	128824
1/10/20 2:00 PM	0	90	518	128824
1/10/20 2:30 PM	0	90	518	128824
1/10/20 3:00 PM	0	90	518	128824
1/10/20 3:30 PM	0	90	518	128824
1/10/20 4:00 PM	0	90	518	128824
1/10/20 4:30 PM	0	90	518	128824
1/10/20 5:00 PM	0	91	518	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/10/20 5:30 PM	0	91	518	128824
1/10/20 6:00 PM	0	91	518	128824
1/10/20 6:30 PM	0	90	518	128824
1/10/20 7:00 PM	0	91	518	128824
1/10/20 7:30 PM	0	90	518	128824
1/10/20 8:00 PM	0	90	518	128824
1/10/20 8:30 PM	0	90	518	128824
1/10/20 9:00 PM	0	90	518	128824
1/10/20 9:30 PM	0	90	518	128824
1/10/20 10:00 PM	0	90	518	128824
1/10/20 10:30 PM	0	90	518	128824
1/10/20 11:00 PM	0	90	518	128824
1/10/20 11:30 PM	0	90	518	128824
1/11/20 12:00 AM	0	90	518	128824
1/11/20 12:30 AM	0	90	518	128824
1/11/20 1:00 AM	0	90	518	128824
1/11/20 1:30 AM	0	90	518	128824
1/11/20 2:00 AM	0	90	518	128824
1/11/20 2:30 AM	0	90	518	128824
1/11/20 3:00 AM	0	90	518	128824
1/11/20 3:30 AM	0	90	518	128824
1/11/20 4:00 AM	0	90	518	128824
1/11/20 4:30 AM	0	90	518	128824
1/11/20 5:00 AM	0	90	518	128824
1/11/20 5:30 AM	0	90	518	128824
1/11/20 6:00 AM	0	90	518	128824
1/11/20 6:30 AM	0	90	518	128824
1/11/20 7:00 AM	0	90	518	128824
1/11/20 7:30 AM	0	90	518	128824
1/11/20 8:00 AM	0	89	518	128824
1/11/20 8:30 AM	0	89	519	128824
1/11/20 9:00 AM	0	89	519	128824
1/11/20 9:30 AM	0	89	518	128824
1/11/20 10:00 AM	0	89	518	128824
1/11/20 10:30 AM	0	89	518	128824
1/11/20 11:00 AM	0	89	518	128824
1/11/20 11:30 AM	0	89	518	128824
1/11/20 12:00 PM	0	89	518	128824
1/11/20 12:30 PM	0	89	518	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/11/20 1:00 PM	0	89	518	128824
1/11/20 1:30 PM	0	89	518	128824
1/11/20 2:00 PM	0	89	518	128824
1/11/20 2:30 PM	0	89	518	128824
1/11/20 3:00 PM	0	89	518	128824
1/11/20 3:30 PM	0	89	518	128824
1/11/20 4:00 PM	0	90	518	128824
1/11/20 4:30 PM	0	90	517	128824
1/11/20 5:00 PM	0	90	517	128824
1/11/20 5:30 PM	0	90	517	128824
1/11/20 6:00 PM	0	90	517	128824
1/11/20 6:30 PM	0	90	518	128824
1/11/20 7:00 PM	0	90	518	128824
1/11/20 7:30 PM	0	90	518	128824
1/11/20 8:00 PM	0	90	518	128824
1/11/20 8:30 PM	0	90	518	128824
1/11/20 9:00 PM	0	90	518	128824
1/11/20 9:30 PM	0	90	518	128824
1/11/20 10:00 PM	0	90	518	128824
1/11/20 10:30 PM	0	90	518	128824
1/11/20 11:00 PM	0	90	518	128824
1/11/20 11:30 PM	0	90	518	128824
1/12/20 12:00 AM	0	90	518	128824
1/12/20 12:30 AM	0	90	518	128824
1/12/20 1:00 AM	0	90	517	128824
1/12/20 1:30 AM	0	90	517	128824
1/12/20 2:00 AM	0	90	518	128824
1/12/20 2:30 AM	0	90	517	128824
1/12/20 3:00 AM	0	90	517	128824
1/12/20 3:30 AM	0	90	517	128824
1/12/20 4:00 AM	0	90	517	128824
1/12/20 4:30 AM	0	90	517	128824
1/12/20 5:00 AM	0	90	517	128824
1/12/20 5:30 AM	0	90	517	128824
1/12/20 6:00 AM	0	90	517	128824
1/12/20 6:30 AM	0	90	517	128824
1/12/20 7:00 AM	0	89	517	128824
1/12/20 7:30 AM	0	89	517	128824
1/12/20 8:00 AM	0	89	518	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/12/20 8:30 AM	0	89	518	128824
1/12/20 9:00 AM	0	89	518	128824
1/12/20 9:30 AM	0	89	518	128824
1/12/20 10:00 AM	0	89	518	128824
1/12/20 10:30 AM	0	89	518	128824
1/12/20 11:00 AM	0	89	518	128824
1/12/20 11:30 AM	0	89	517	128824
1/12/20 12:00 PM	0	89	517	128824
1/12/20 12:30 PM	0	89	517	128824
1/12/20 1:00 PM	0	89	517	128824
1/12/20 1:30 PM	0	90	517	128824
1/12/20 2:00 PM	0	90	517	128824
1/12/20 2:30 PM	0	90	517	128824
1/12/20 3:00 PM	0	90	517	128824
1/12/20 3:30 PM	0	90	517	128824
1/12/20 4:00 PM	0	90	517	128824
1/12/20 4:30 PM	0	90	517	128824
1/12/20 5:00 PM	0	90	517	128824
1/12/20 5:30 PM	0	90	517	128824
1/12/20 6:00 PM	0	90	517	128824
1/12/20 6:30 PM	0	90	517	128824
1/12/20 7:00 PM	0	90	517	128824
1/12/20 7:30 PM	0	90	517	128824
1/12/20 8:00 PM	0	90	517	128824
1/12/20 8:30 PM	0	90	517	128824
1/12/20 9:00 PM	0	90	517	128824
1/12/20 9:30 PM	0	90	517	128824
1/12/20 10:00 PM	0	90	517	128824
1/12/20 10:30 PM	0	90	517	128824
1/12/20 11:00 PM	0	90	517	128824
1/12/20 11:30 PM	0	90	517	128824
1/13/20 12:00 AM	0	90	517	128824
1/13/20 12:30 AM	0	90	517	128824
1/13/20 1:00 AM	0	90	517	128824
1/13/20 1:30 AM	0	90	517	128824
1/13/20 2:00 AM	0	90	517	128824
1/13/20 2:30 AM	0	90	517	128824
1/13/20 3:00 AM	0	90	517	128824
1/13/20 3:30 AM	0	90	517	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/13/20 4:00 AM	0	90	517	128824
1/13/20 4:30 AM	0	90	517	128824
1/13/20 5:00 AM	0	90	517	128824
1/13/20 5:30 AM	0	90	517	128824
1/13/20 6:00 AM	0	90	516	128824
1/13/20 6:30 AM	0	90	516	128824
1/13/20 7:00 AM	0	90	517	128824
1/13/20 7:30 AM	0	90	517	128824
1/13/20 8:00 AM	0	90	517	128824
1/13/20 8:30 AM	0	90	517	128824
1/13/20 9:00 AM	0	90	517	128824
1/13/20 9:30 AM	0	90	517	128824
1/13/20 10:00 AM	0	90	517	128824
1/13/20 10:30 AM	0	90	517	128824
1/13/20 11:00 AM	0	90	517	128824
1/13/20 11:30 AM	0	90	517	128824
1/13/20 12:00 PM	0	90	516	128824
1/13/20 12:30 PM	0	90	516	128824
1/13/20 1:00 PM	0	90	516	128824
1/13/20 1:30 PM	0	90	516	128824
1/13/20 2:00 PM	0	90	516	128824
1/13/20 2:30 PM	0	90	516	128824
1/13/20 3:00 PM	0	90	516	128824
1/13/20 3:30 PM	0	90	516	128824
1/13/20 4:00 PM	0	90	516	128824
1/13/20 4:30 PM	0	90	516	128824
1/13/20 5:00 PM	0	90	516	128824
1/13/20 5:30 PM	0	90	516	128824
1/13/20 6:00 PM	0	90	516	128824
1/13/20 6:30 PM	0	90	516	128824
1/13/20 7:00 PM	0	90	516	128824
1/13/20 7:30 PM	0	90	516	128824
1/13/20 8:00 PM	0	90	516	128824
1/13/20 8:30 PM	0	90	516	128824
1/13/20 9:00 PM	0	90	516	128824
1/13/20 9:30 PM	0	90	516	128824
1/13/20 10:00 PM	0	90	516	128824
1/13/20 10:30 PM	0	90	516	128824
1/13/20 11:00 PM	0	90	516	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/13/20 11:30 PM	0	90	516	128824
1/14/20 12:00 AM	0	90	516	128824
1/14/20 12:30 AM	0	90	516	128824
1/14/20 1:00 AM	0	90	516	128824
1/14/20 1:30 AM	0	90	516	128824
1/14/20 2:00 AM	0	90	516	128824
1/14/20 2:30 AM	0	90	516	128824
1/14/20 3:00 AM	0	90	516	128824
1/14/20 3:30 AM	0	90	516	128824
1/14/20 4:00 AM	0	90	516	128824
1/14/20 4:30 AM	0	90	516	128824
1/14/20 5:00 AM	0	90	516	128824
1/14/20 5:30 AM	0	90	516	128824
1/14/20 6:00 AM	0	90	516	128824
1/14/20 6:30 AM	0	90	516	128824
1/14/20 7:00 AM	0	90	516	128824
1/14/20 7:30 AM	0	90	516	128824
1/14/20 8:00 AM	0	90	516	128824
1/14/20 8:30 AM	0	90	516	128824
1/14/20 9:00 AM	0	90	516	128824
1/14/20 9:30 AM	0	90	516	128824
1/14/20 10:00 AM	0	90	516	128824
1/14/20 10:30 AM	0	90	516	128824
1/14/20 11:00 AM	0	91	516	128824
1/14/20 11:30 AM	0	91	516	128824
1/14/20 12:00 PM	0	91	516	128824
1/14/20 12:30 PM	0	91	516	128824
1/14/20 1:00 PM	0	91	516	128824
1/14/20 1:30 PM	0	91	516	128824
1/14/20 2:00 PM	0	91	516	128824
1/14/20 2:30 PM	0	91	516	128824
1/14/20 3:00 PM	0	91	516	128824
1/14/20 3:30 PM	0	91	515	128824
1/14/20 4:00 PM	0	91	515	128824
1/14/20 4:30 PM	0	91	515	128824
1/14/20 5:00 PM	0	91	515	128824
1/14/20 5:30 PM	0	91	515	128824
1/14/20 6:00 PM	0	91	515	128824
1/14/20 6:30 PM	0	91	515	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/14/20 7:00 PM	0	91	515	128824
1/14/20 7:30 PM	0	91	516	128824
1/14/20 8:00 PM	0	91	516	128824
1/14/20 8:30 PM	0	91	516	128824
1/14/20 9:00 PM	0	91	516	128824
1/14/20 9:30 PM	0	91	516	128824
1/14/20 10:00 PM	0	91	516	128824
1/14/20 10:30 PM	0	91	515	128824
1/14/20 11:00 PM	0	91	515	128824
1/14/20 11:30 PM	0	91	515	128824
1/15/20 12:00 AM	0	91	515	128824
1/15/20 12:30 AM	0	91	515	128824
1/15/20 1:00 AM	0	91	515	128824
1/15/20 1:30 AM	0	91	515	128824
1/15/20 2:00 AM	0	91	515	128824
1/15/20 2:30 AM	0	91	515	128824
1/15/20 3:00 AM	0	91	515	128824
1/15/20 3:30 AM	0	91	515	128824
1/15/20 4:00 AM	0	91	515	128824
1/15/20 4:30 AM	0	91	515	128824
1/15/20 5:00 AM	0	91	515	128824
1/15/20 5:30 AM	0	91	515	128824
1/15/20 6:00 AM	0	91	515	128824
1/15/20 6:30 AM	0	91	515	128824
1/15/20 7:00 AM	0	91	515	128824
1/15/20 7:30 AM	0	91	515	128824
1/15/20 8:00 AM	0	91	516	128824
1/15/20 8:30 AM	0	91	516	128824
1/15/20 9:00 AM	0	91	516	128824
1/15/20 9:30 AM	0	91	516	128824
1/15/20 10:00 AM	0	91	516	128824
1/15/20 10:30 AM	0	91	515	128824
1/15/20 11:00 AM	0	91	515	128824
1/15/20 11:30 AM	0	91	515	128824
1/15/20 12:00 PM	0	91	515	128824
1/15/20 12:30 PM	0	91	515	128824
1/15/20 1:00 PM	0	91	515	128824
1/15/20 1:30 PM	0	91	515	128824
1/15/20 2:00 PM	0	91	515	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/15/20 2:30 PM	0	91	515	128824
1/15/20 3:00 PM	0	91	515	128824
1/15/20 3:30 PM	0	91	515	128824
1/15/20 4:00 PM	0	91	515	128824
1/15/20 4:30 PM	0	91	515	128824
1/15/20 5:00 PM	0	91	514	128824
1/15/20 5:30 PM	0	92	514	128824
1/15/20 6:00 PM	0	92	515	128824
1/15/20 6:30 PM	0	92	515	128824
1/15/20 7:00 PM	0	91	515	128824
1/15/20 7:30 PM	0	92	515	128824
1/15/20 8:00 PM	0	92	515	128824
1/15/20 8:30 PM	0	91	515	128824
1/15/20 9:00 PM	0	92	515	128824
1/15/20 9:30 PM	0	92	515	128824
1/15/20 10:00 PM	0	92	515	128824
1/15/20 10:30 PM	0	92	515	128824
1/15/20 11:00 PM	0	92	515	128824
1/15/20 11:30 PM	0	92	515	128824
1/16/20 12:00 AM	0	92	515	128824
1/16/20 12:30 AM	0	92	515	128824
1/16/20 1:00 AM	0	92	515	128824
1/16/20 1:30 AM	0	92	515	128824
1/16/20 2:00 AM	0	92	515	128824
1/16/20 2:30 AM	0	92	515	128824
1/16/20 3:00 AM	0	92	515	128824
1/16/20 3:30 AM	0	91	515	128824
1/16/20 4:00 AM	0	91	515	128824
1/16/20 4:30 AM	0	92	515	128824
1/16/20 5:00 AM	0	92	514	128824
1/16/20 5:30 AM	0	91	514	128824
1/16/20 6:00 AM	0	92	514	128824
1/16/20 6:30 AM	0	91	514	128824
1/16/20 7:00 AM	0	92	514	128824
1/16/20 7:30 AM	0	92	514	128824
1/16/20 8:00 AM	0	92	515	128824
1/16/20 8:30 AM	0	92	515	128824
1/16/20 9:00 AM	0	92	515	128824
1/16/20 9:30 AM	0	92	515	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/16/20 10:00 AM	0	92	515	128824
1/16/20 10:30 AM	0	92	515	128824
1/16/20 11:00 AM	0	92	515	128824
1/16/20 11:30 AM	0	92	514	128824
1/16/20 12:00 PM	0	92	515	128824
1/16/20 12:30 PM	0	92	514	128824
1/16/20 1:00 PM	0	92	514	128824
1/16/20 1:30 PM	0	92	514	128824
1/16/20 2:00 PM	0	92	514	128824
1/16/20 2:30 PM	0	92	514	128824
1/16/20 3:00 PM	0	92	514	128824
1/16/20 3:30 PM	0	92	514	128824
1/16/20 4:00 PM	0	92	514	128824
1/16/20 4:30 PM	0	92	514	128824
1/16/20 5:00 PM	0	92	514	128824
1/16/20 5:30 PM	0	92	514	128824
1/16/20 6:00 PM	0	92	514	128824
1/16/20 6:30 PM	0	92	514	128824
1/16/20 7:00 PM	0	92	514	128824
1/16/20 7:30 PM	0	92	514	128824
1/16/20 8:00 PM	0	92	514	128824
1/16/20 8:30 PM	0	92	514	128824
1/16/20 9:00 PM	0	92	514	128824
1/16/20 9:30 PM	0	92	514	128824
1/16/20 10:00 PM	0	92	514	128824
1/16/20 10:30 PM	0	92	514	128824
1/16/20 11:00 PM	0	92	514	128824
1/16/20 11:30 PM	0	92	514	128824
1/17/20 12:00 AM	0	92	514	128824
1/17/20 12:30 AM	0	92	514	128824
1/17/20 1:00 AM	0	92	514	128824
1/17/20 1:30 AM	0	92	514	128824
1/17/20 2:00 AM	0	92	514	128824
1/17/20 2:30 AM	0	92	514	128824
1/17/20 3:00 AM	0	92	514	128824
1/17/20 3:30 AM	0	92	514	128824
1/17/20 4:00 AM	0	92	514	128824
1/17/20 4:30 AM	0	92	514	128824
1/17/20 5:00 AM	0	92	514	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/17/20 5:30 AM	0	92	514	128824
1/17/20 6:00 AM	0	92	514	128824
1/17/20 6:30 AM	0	92	514	128824
1/17/20 7:00 AM	0	92	514	128824
1/17/20 7:30 AM	34	85	664	128828
1/17/20 8:00 AM	31	<-1	793	128851
1/17/20 8:30 AM	32	<-1	841	128873
1/17/20 9:00 AM	32	<-1	872	128895
1/17/20 9:30 AM	30	<-1	896	128917
1/17/20 10:00 AM	32	<-1	915	128940
1/17/20 10:30 AM	30	<-1	931	128961
1/17/20 11:00 AM	33	<-1	947	128984
1/17/20 11:30 AM	30	<-1	961	129006
1/17/20 12:00 PM	31	<-1	972	129028
1/17/20 12:30 PM	31	<-1	983	129050
1/17/20 1:00 PM	30	<-1	995	129072
1/17/20 1:30 PM	32	<-1	1006	129095
1/17/20 2:00 PM	33	<-1	1015	129117
1/17/20 2:30 PM	30	<-1	1026	129139
1/17/20 3:00 PM	31	<-1	1036	129161
1/17/20 3:30 PM	33	<-1	1044	129184
1/17/20 4:00 PM	32	<-1	1051	129206
1/17/20 4:30 PM	32	<-1	1058	129228
1/17/20 5:00 PM	30	<-1	1064	129251
1/17/20 5:30 PM	30	<-1	1071	129273
1/17/20 6:00 PM	32	<-1	1076	129295
1/17/20 6:30 PM	33	<-1	1082	129318
1/17/20 7:00 PM	30	<-1	1087	129340
1/17/20 7:30 PM	29	<-1	1091	129362
1/17/20 8:00 PM	31	<-1	1097	129384
1/17/20 8:30 PM	31	<-1	1102	129406
1/17/20 9:00 PM	31	<-1	1106	129429
1/17/20 9:30 PM	31	<-1	1109	129451
1/17/20 10:00 PM	31	<-1	1112	129473
1/17/20 10:30 PM	30	<-1	1116	129495
1/17/20 11:00 PM	29	<-1	1120	129517
1/17/20 11:30 PM	32	<-1	1124	129539
1/18/20 12:00 AM	29	<-1	1126	129561
1/18/20 12:30 AM	31	<-1	1130	129583

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/18/20 1:00 AM	31	<-1	1132	129605
1/18/20 1:30 AM	30	<-1	1136	129627
1/18/20 2:00 AM	32	<-1	1140	129649
1/18/20 2:30 AM	31	<-1	1144	129671
1/18/20 3:00 AM	31	<-1	1148	129694
1/18/20 3:30 AM	29	<-1	1151	129716
1/18/20 4:00 AM	30	<-1	1155	129738
1/18/20 4:30 AM	31	<-1	1160	129760
1/18/20 5:00 AM	32	<-1	1164	129783
1/18/20 5:30 AM	32	<-1	1167	129805
1/18/20 6:00 AM	29	<-1	1169	129827
1/18/20 6:30 AM	32	<-1	1171	129849
1/18/20 7:00 AM	31	<-1	1176	129871
1/18/20 7:30 AM	30	<-1	1179	129894
1/18/20 8:00 AM	31	<-1	1182	129916
1/18/20 8:30 AM	31	<-1	1185	129938
1/18/20 9:00 AM	30	<-1	1188	129960
1/18/20 9:30 AM	32	<-1	1189	129983
1/18/20 10:00 AM	33	<-1	1191	130005
1/18/20 10:30 AM	32	<-1	1194	130027
1/18/20 11:00 AM	29	<-1	1196	130049
1/18/20 11:30 AM	30	<-1	1198	130071
1/18/20 12:00 PM	32	<-1	1200	130093
1/18/20 12:30 PM	32	<-1	1202	130115
1/18/20 1:00 PM	30	<-1	1205	130137
1/18/20 1:30 PM	32	<-1	1207	130159
1/18/20 2:00 PM	33	<-1	1209	130181
1/18/20 2:30 PM	30	<-1	1211	130203
1/18/20 3:00 PM	31	<-1	1214	130225
1/18/20 3:30 PM	29	<-1	1215	130247
1/18/20 4:00 PM	31	<-1	1217	130269
1/18/20 4:30 PM	31	<-1	1219	130291
1/18/20 5:00 PM	33	<-1	1221	130313
1/18/20 5:30 PM	33	<-1	1222	130335
1/18/20 6:00 PM	32	<-1	1224	130357
1/18/20 6:30 PM	32	<-1	1226	130379
1/18/20 7:00 PM	33	<-1	1228	130401
1/18/20 7:30 PM	29	<-1	1231	130423
1/18/20 8:00 PM	32	<-1	1233	130445

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/18/20 8:30 PM	32	<-1	1235	130467
1/18/20 9:00 PM	34	<-1	1238	130489
1/18/20 9:30 PM	29	<-1	1240	130511
1/18/20 10:00 PM	32	<-1	1243	130533
1/18/20 10:30 PM	31	<-1	1246	130555
1/18/20 11:00 PM	28	<-1	1248	130578
1/18/20 11:30 PM	29	<-1	1231	130598
1/19/20 12:00 AM	30	<-1	1231	130618
1/19/20 12:30 AM	30	<-1	1231	130639
1/19/20 1:00 AM	26	<-1	1228	130659
1/19/20 1:30 AM	26	<-1	1229	130678
1/19/20 2:00 AM	27	<-1	1230	130699
1/19/20 2:30 AM	26	<-1	1230	130719
1/19/20 3:00 AM	29	<-1	1228	130738
1/19/20 3:30 AM	27	<-1	1229	130758
1/19/20 4:00 AM	27	<-1	1230	130777
1/19/20 4:30 AM	29	<-1	1231	130797
1/19/20 5:00 AM	27	<-1	1234	130816
1/19/20 5:30 AM	26	<-1	1235	130836
1/19/20 6:00 AM	26	<-1	1238	130855
1/19/20 6:30 AM	30	<-1	1240	130875
1/19/20 7:00 AM	29	<-1	1242	130895
1/19/20 7:30 AM	28	<-1	1244	130915
1/19/20 8:00 AM	28	<-1	1246	130935
1/19/20 8:30 AM	26	<-1	1247	130955
1/19/20 9:00 AM	30	<-1	1248	130975
1/19/20 9:30 AM	27	<-1	1250	130995
1/19/20 10:00 AM	26	<-1	1251	131014
1/19/20 10:30 AM	27	<-1	1251	131034
1/19/20 11:00 AM	26	<-1	1252	131054
1/19/20 11:30 AM	25	<-1	1253	131073
1/19/20 12:00 PM	29	<-1	1257	131093
1/19/20 12:30 PM	30	<-1	1258	131113
1/19/20 1:00 PM	29	<-1	1260	131133
1/19/20 1:30 PM	26	<-1	1262	131153
1/19/20 2:00 PM	27	<-1	1263	131172
1/19/20 2:30 PM	28	<-1	1264	131192
1/19/20 3:00 PM	25	<-1	1265	131212
1/19/20 3:30 PM	29	<-1	1266	131232

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/19/20 4:00 PM	28	<-1	1267	131252
1/19/20 4:30 PM	27	<-1	1272	131271
1/19/20 5:00 PM	29	<-1	1274	131292
1/19/20 5:30 PM	30	<-1	1276	131312
1/19/20 6:00 PM	26	<-1	1278	131332
1/19/20 6:30 PM	26	<-1	1279	131353
1/19/20 7:00 PM	27	<-1	1281	131373
1/19/20 7:30 PM	30	<-1	1282	131393
1/19/20 8:00 PM	28	<-1	1284	131414
1/19/20 8:30 PM	26	<-1	1285	131434
1/19/20 9:00 PM	29	<-1	1287	131454
1/19/20 9:30 PM	28	<-1	1288	131475
1/19/20 10:00 PM	29	<-1	1290	131495
1/19/20 10:30 PM	28	<-1	1292	131515
1/19/20 11:00 PM	29	<-1	1293	131535
1/19/20 11:30 PM	29	<-1	1295	131556
1/20/20 12:00 AM	27	<-1	1296	131576
1/20/20 12:30 AM	30	<-1	1297	131596
1/20/20 1:00 AM	29	<-1	1299	131616
1/20/20 1:30 AM	29	<-1	1299	131636
1/20/20 2:00 AM	27	<-1	1299	131656
1/20/20 2:30 AM	26	<-1	1299	131676
1/20/20 3:00 AM	26	<-1	1298	131696
1/20/20 3:30 AM	29	<-1	1299	131715
1/20/20 4:00 AM	28	<-1	1300	131735
1/20/20 4:30 AM	26	<-1	1301	131754
1/20/20 5:00 AM	27	<-1	1302	131774
1/20/20 5:30 AM	26	<-1	1303	131793
1/20/20 6:00 AM	29	<-1	1304	131813
1/20/20 6:30 AM	26	<-1	1305	131832
1/20/20 7:00 AM	27	<-1	1307	131852
1/20/20 7:30 AM	27	<-1	1308	131871
1/20/20 8:00 AM	26	-1	1309	131891
1/20/20 8:30 AM	26	-2	1310	131910
1/20/20 9:00 AM	28	-2	1314	131930
1/20/20 9:30 AM	27	-2	1316	131949
1/20/20 10:00 AM	26	-2	1317	131969
1/20/20 10:30 AM	29	-2	1318	131989
1/20/20 11:00 AM	29	-2	1319	132009

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/20/20 11:30 AM	28	-2	1321	132028
1/20/20 12:00 PM	26	-2	1322	132048
1/20/20 12:30 PM	27	-2	1323	132068
1/20/20 1:00 PM	26	-2	1324	132087
1/20/20 1:30 PM	27	-2	1326	132107
1/20/20 2:00 PM	27	-2	1327	132127
1/20/20 2:30 PM	28	-2	1328	132147
1/20/20 3:00 PM	28	-2	1329	132166
1/20/20 3:30 PM	26	-2	1330	132186
1/20/20 4:00 PM	26	-2	1331	132206
1/20/20 4:30 PM	28	-2	1332	132226
1/20/20 5:00 PM	28	-2	1333	132245
1/20/20 5:30 PM	26	-2	1334	132265
1/20/20 6:00 PM	28	-2	1336	132285
1/20/20 6:30 PM	29	-2	1337	132304
1/20/20 7:00 PM	27	-2	1338	132324
1/20/20 7:30 PM	27	-2	1339	132344
1/20/20 8:00 PM	28	-2	1340	132363
1/20/20 8:30 PM	28	-2	1341	132383
1/20/20 9:00 PM	29	-2	1343	132403
1/20/20 9:30 PM	26	-2	1344	132422
1/20/20 10:00 PM	26	-2	1345	132442
1/20/20 10:30 PM	26	-2	1346	132462
1/20/20 11:00 PM	28	-2	1347	132481
1/20/20 11:30 PM	27	-2	1348	132501
1/21/20 12:00 AM	28	-2	1349	132521
1/21/20 12:30 AM	28	-2	1349	132540
1/21/20 1:00 AM	27	-2	1350	132560
1/21/20 1:30 AM	28	-2	1352	132579
1/21/20 2:00 AM	26	-2	1352	132598
1/21/20 2:30 AM	28	-2	1353	132618
1/21/20 3:00 AM	29	-2	1354	132637
1/21/20 3:30 AM	27	-2	1355	132657
1/21/20 4:00 AM	28	-2	1356	132676
1/21/20 4:30 AM	26	-2	1358	132695
1/21/20 5:00 AM	27	-2	1359	132715
1/21/20 5:30 AM	26	-3	1360	132734
1/21/20 6:00 AM	28	-3	1361	132754
1/21/20 6:30 AM	26	-3	1362	132773

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/21/20 7:00 AM	28	-3	1362	132793
1/21/20 7:30 AM	27	-3	1362	132812
1/21/20 8:00 AM	26	-3	1362	132831
1/21/20 8:30 AM	27	-3	1363	132850
1/21/20 9:00 AM	27	-3	1364	132869
1/21/20 9:30 AM	28	-3	1365	132889
1/21/20 10:00 AM	28	-3	1365	132908
1/21/20 10:30 AM	25	-3	1366	132927
1/21/20 11:00 AM	26	-3	1367	132946
1/21/20 11:30 AM	25	-3	1368	132965
1/21/20 12:00 PM	27	-3	1368	132984
1/21/20 12:30 PM	28	-3	1370	133004
1/21/20 1:00 PM	25	-3	1371	133023
1/21/20 1:30 PM	28	-3	1372	133042
1/21/20 2:00 PM	28	-3	1372	133061
1/21/20 2:30 PM	27	-3	1374	133080
1/21/20 3:00 PM	28	-3	1375	133099
1/21/20 3:30 PM	28	-3	1376	133118
1/21/20 4:00 PM	28	-3	1377	133138
1/21/20 4:30 PM	28	-3	1379	133157
1/21/20 5:00 PM	28	-3	1380	133176
1/21/20 5:30 PM	25	-3	1381	133195
1/21/20 6:00 PM	28	-3	1382	133215
1/21/20 6:30 PM	27	-3	1381	133234
1/21/20 7:00 PM	27	-3	1382	133253
1/21/20 7:30 PM	24	-3	1377	133272
1/21/20 8:00 PM	24	-3	1377	133290
1/21/20 8:30 PM	25	-3	1378	133309
1/21/20 9:00 PM	27	-3	1379	133328
1/21/20 9:30 PM	26	-3	1380	133346
1/21/20 10:00 PM	24	-3	1380	133365
1/21/20 10:30 PM	26	-3	1380	133383
1/21/20 11:00 PM	27	-3	1379	133402
1/21/20 11:30 PM	27	-3	1379	133420
1/22/20 12:00 AM	24	-3	1379	133439
1/22/20 12:30 AM	26	-3	1380	133457
1/22/20 1:00 AM	25	-3	1380	133475
1/22/20 1:30 AM	26	-3	1381	133494
1/22/20 2:00 AM	0	-2	1183	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/22/20 2:30 AM	0	-2	1128	133498
1/22/20 3:00 AM	0	-1	1096	133498
1/22/20 3:30 AM	0	0	1071	133498
1/22/20 4:00 AM	0	0	1052	133498
1/22/20 4:30 AM	0	1	1036	133498
1/22/20 5:00 AM	0	1	1021	133498
1/22/20 5:30 AM	0	2	1009	133498
1/22/20 6:00 AM	0	2	998	133498
1/22/20 6:30 AM	0	2	988	133498
1/22/20 7:00 AM	0	3	979	133498
1/22/20 7:30 AM	0	3	971	133498
1/22/20 8:00 AM	0	4	963	133498
1/22/20 8:30 AM	0	4	956	133498
1/22/20 9:00 AM	0	5	949	133498
1/22/20 9:30 AM	0	5	943	133498
1/22/20 10:00 AM	0	6	937	133498
1/22/20 10:30 AM	0	6	932	133498
1/22/20 11:00 AM	0	6	927	133498
1/22/20 11:30 AM	0	7	922	133498
1/22/20 12:00 PM	0	7	917	133498
1/22/20 12:30 PM	0	8	912	133498
1/22/20 1:00 PM	0	8	907	133498
1/22/20 1:30 PM	0	8	903	133498
1/22/20 2:00 PM	0	9	899	133498
1/22/20 2:30 PM	0	9	895	133498
1/22/20 3:00 PM	0	10	891	133498
1/22/20 3:30 PM	0	10	888	133498
1/22/20 4:00 PM	0	10	884	133498
1/22/20 4:30 PM	0	11	881	133498
1/22/20 5:00 PM	0	11	878	133498
1/22/20 5:30 PM	0	11	874	133498
1/22/20 6:00 PM	0	12	871	133498
1/22/20 6:30 PM	0	12	868	133498
1/22/20 7:00 PM	0	12	865	133498
1/22/20 7:30 PM	0	13	863	133498
1/22/20 8:00 PM	0	13	860	133498
1/22/20 8:30 PM	0	13	857	133498
1/22/20 9:00 PM	0	14	855	133498
1/22/20 9:30 PM	0	14	852	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/22/20 10:00 PM	0	14	850	133498
1/22/20 10:30 PM	0	15	847	133498
1/22/20 11:00 PM	0	15	845	133498
1/22/20 11:30 PM	0	15	843	133498
1/23/20 12:00 AM	0	16	841	133498
1/23/20 12:30 AM	0	16	838	133498
1/23/20 1:00 AM	0	16	836	133498
1/23/20 1:30 AM	0	17	834	133498
1/23/20 2:00 AM	0	17	832	133498
1/23/20 2:30 AM	0	17	830	133498
1/23/20 3:00 AM	0	18	828	133498
1/23/20 3:30 AM	0	18	826	133498
1/23/20 4:00 AM	0	18	824	133498
1/23/20 4:30 AM	0	18	822	133498
1/23/20 5:00 AM	0	19	821	133498
1/23/20 5:30 AM	0	19	819	133498
1/23/20 6:00 AM	0	19	817	133498
1/23/20 6:30 AM	0	20	816	133498
1/23/20 7:00 AM	0	20	814	133498
1/23/20 7:30 AM	0	20	812	133498
1/23/20 8:00 AM	0	20	811	133498
1/23/20 8:30 AM	0	21	809	133498
1/23/20 9:00 AM	0	21	807	133498
1/23/20 9:30 AM	0	21	806	133498
1/23/20 10:00 AM	0	22	804	133498
1/23/20 10:30 AM	0	22	802	133498
1/23/20 11:00 AM	0	22	801	133498
1/23/20 11:30 AM	0	23	799	133498
1/23/20 12:00 PM	0	23	798	133498
1/23/20 12:30 PM	0	23	796	133498
1/23/20 1:00 PM	0	23	795	133498
1/23/20 1:30 PM	0	24	793	133498
1/23/20 2:00 PM	0	24	792	133498
1/23/20 2:30 PM	0	24	790	133498
1/23/20 3:00 PM	0	25	789	133498
1/23/20 3:30 PM	0	25	788	133498
1/23/20 4:00 PM	0	25	787	133498
1/23/20 4:30 PM	0	26	786	133498
1/23/20 5:00 PM	0	26	784	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/23/20 5:30 PM	0	26	783	133498
1/23/20 6:00 PM	0	26	781	133498
1/23/20 6:30 PM	0	27	780	133498
1/23/20 7:00 PM	0	27	779	133498
1/23/20 7:30 PM	0	27	778	133498
1/23/20 8:00 PM	0	28	777	133498
1/23/20 8:30 PM	0	28	776	133498
1/23/20 9:00 PM	0	28	775	133498
1/23/20 9:30 PM	0	28	774	133498
1/23/20 10:00 PM	0	29	772	133498
1/23/20 10:30 PM	0	29	771	133498
1/23/20 11:00 PM	0	29	770	133498
1/23/20 11:30 PM	0	29	769	133498
1/24/20 12:00 AM	0	30	768	133498
1/24/20 12:30 AM	0	30	767	133498
1/24/20 1:00 AM	0	30	766	133498
1/24/20 1:30 AM	0	31	765	133498
1/24/20 2:00 AM	0	31	764	133498
1/24/20 2:30 AM	0	31	763	133498
1/24/20 3:00 AM	0	31	762	133498
1/24/20 3:30 AM	0	32	761	133498
1/24/20 4:00 AM	0	32	760	133498
1/24/20 4:30 AM	0	32	759	133498
1/24/20 5:00 AM	0	32	758	133498
1/24/20 5:30 AM	0	33	757	133498
1/24/20 6:00 AM	0	33	756	133498
1/24/20 6:30 AM	0	33	756	133498
1/24/20 7:00 AM	0	33	755	133498
1/24/20 7:30 AM	0	34	754	133498
1/24/20 8:00 AM	0	34	754	133498
1/24/20 8:30 AM	0	34	753	133498
1/24/20 9:00 AM	0	34	752	133498
1/24/20 9:30 AM	0	35	751	133498
1/24/20 10:00 AM	0	35	750	133498
1/24/20 10:30 AM	0	35	749	133498
1/24/20 11:00 AM	0	35	748	133498
1/24/20 11:30 AM	0	36	747	133498
1/24/20 12:00 PM	0	36	747	133498
1/24/20 12:30 PM	0	36	746	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/24/20 1:00 PM	0	37	745	133498
1/24/20 1:30 PM	0	37	744	133498
1/24/20 2:00 PM	0	37	743	133498
1/24/20 2:30 PM	0	37	742	133498
1/24/20 3:00 PM	0	38	741	133498
1/24/20 3:30 PM	0	38	741	133498
1/24/20 4:00 PM	0	38	740	133498
1/24/20 4:30 PM	0	39	739	133498
1/24/20 5:00 PM	0	39	738	133498
1/24/20 5:30 PM	0	39	738	133498
1/24/20 6:00 PM	0	39	737	133498
1/24/20 6:30 PM	0	40	736	133498
1/24/20 7:00 PM	0	40	736	133498
1/24/20 7:30 PM	0	40	735	133498
1/24/20 8:00 PM	0	40	734	133498
1/24/20 8:30 PM	0	41	733	133498
1/24/20 9:00 PM	0	41	733	133498
1/24/20 9:30 PM	0	41	732	133498
1/24/20 10:00 PM	0	41	732	133498
1/24/20 10:30 PM	0	42	731	133498
1/24/20 11:00 PM	0	42	730	133498
1/24/20 11:30 PM	0	42	729	133498
1/25/20 12:00 AM	0	42	729	133498
1/25/20 12:30 AM	0	43	728	133498
1/25/20 1:00 AM	0	43	728	133498
1/25/20 1:30 AM	0	43	727	133498
1/25/20 2:00 AM	0	43	726	133498
1/25/20 2:30 AM	0	44	725	133498
1/25/20 3:00 AM	0	44	725	133498
1/25/20 3:30 AM	0	44	724	133498
1/25/20 4:00 AM	0	44	724	133498
1/25/20 4:30 AM	0	44	723	133498
1/25/20 5:00 AM	0	45	722	133498
1/25/20 5:30 AM	0	45	722	133498
1/25/20 6:00 AM	0	45	721	133498
1/25/20 6:30 AM	0	45	720	133498
1/25/20 7:00 AM	0	45	720	133498
1/25/20 7:30 AM	0	46	720	133498
1/25/20 8:00 AM	0	46	720	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/25/20 8:30 AM	0	46	719	133498
1/25/20 9:00 AM	0	46	719	133498
1/25/20 9:30 AM	0	47	718	133498
1/25/20 10:00 AM	0	47	717	133498
1/25/20 10:30 AM	0	47	717	133498
1/25/20 11:00 AM	0	47	716	133498
1/25/20 11:30 AM	0	48	715	133498
1/25/20 12:00 PM	0	48	715	133498
1/25/20 12:30 PM	0	48	714	133498
1/25/20 1:00 PM	0	48	714	133498
1/25/20 1:30 PM	0	49	713	133498
1/25/20 2:00 PM	0	49	712	133498
1/25/20 2:30 PM	0	49	712	133498
1/25/20 3:00 PM	0	50	711	133498
1/25/20 3:30 PM	0	50	711	133498
1/25/20 4:00 PM	0	50	710	133498
1/25/20 4:30 PM	0	50	709	133498
1/25/20 5:00 PM	0	51	709	133498
1/25/20 5:30 PM	0	51	708	133498
1/25/20 6:00 PM	0	51	708	133498
1/25/20 6:30 PM	0	51	708	133498
1/25/20 7:00 PM	0	52	707	133498
1/25/20 7:30 PM	0	52	707	133498
1/25/20 8:00 PM	0	52	706	133498
1/25/20 8:30 PM	0	52	706	133498
1/25/20 9:00 PM	0	53	705	133498
1/25/20 9:30 PM	0	53	705	133498
1/25/20 10:00 PM	0	53	704	133498
1/25/20 10:30 PM	0	53	704	133498
1/25/20 11:00 PM	0	53	703	133498
1/25/20 11:30 PM	0	53	703	133498
1/26/20 12:00 AM	0	54	702	133498
1/26/20 12:30 AM	0	54	702	133498
1/26/20 1:00 AM	0	54	701	133498
1/26/20 1:30 AM	0	54	701	133498
1/26/20 2:00 AM	0	54	700	133498
1/26/20 2:30 AM	0	54	700	133498
1/26/20 3:00 AM	0	55	699	133498
1/26/20 3:30 AM	0	55	699	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/26/20 4:00 AM	0	55	698	133498
1/26/20 4:30 AM	0	55	698	133498
1/26/20 5:00 AM	0	55	698	133498
1/26/20 5:30 AM	0	55	697	133498
1/26/20 6:00 AM	0	55	697	133498
1/26/20 6:30 AM	0	56	696	133498
1/26/20 7:00 AM	0	56	696	133498
1/26/20 7:30 AM	0	56	695	133498
1/26/20 8:00 AM	0	56	696	133498
1/26/20 8:30 AM	0	56	696	133498
1/26/20 9:00 AM	0	56	695	133498
1/26/20 9:30 AM	0	57	694	133498
1/26/20 10:00 AM	0	57	694	133498
1/26/20 10:30 AM	0	57	693	133498
1/26/20 11:00 AM	0	57	693	133498
1/26/20 11:30 AM	0	58	693	133498
1/26/20 12:00 PM	0	58	692	133498
1/26/20 12:30 PM	0	58	692	133498
1/26/20 1:00 PM	0	59	691	133498
1/26/20 1:30 PM	0	59	691	133498
1/26/20 2:00 PM	0	59	690	133498
1/26/20 2:30 PM	0	59	690	133498
1/26/20 3:00 PM	0	60	689	133498
1/26/20 3:30 PM	0	60	689	133498
1/26/20 4:00 PM	0	60	689	133498
1/26/20 4:30 PM	0	60	688	133498
1/26/20 5:00 PM	0	61	688	133498
1/26/20 5:30 PM	0	61	687	133498
1/26/20 6:00 PM	0	61	687	133498
1/26/20 6:30 PM	0	61	687	133498
1/26/20 7:00 PM	0	62	686	133498
1/26/20 7:30 PM	0	62	686	133498
1/26/20 8:00 PM	0	62	686	133498
1/26/20 8:30 PM	0	62	685	133498
1/26/20 9:00 PM	0	62	685	133498
1/26/20 9:30 PM	0	62	685	133498
1/26/20 10:00 PM	0	62	684	133498
1/26/20 10:30 PM	0	62	684	133498
1/26/20 11:00 PM	0	62	683	133498

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/26/20 11:30 PM	0	62	683	133498
1/27/20 12:00 AM	0	62	683	133498
1/27/20 12:30 AM	0	62	682	133498
1/27/20 1:00 AM	0	62	682	133498
1/27/20 1:30 AM	0	62	682	133498
1/27/20 2:00 AM	0	62	681	133498
1/27/20 2:30 AM	0	62	681	133498
1/27/20 3:00 AM	0	62	681	133498
1/27/20 3:30 AM	0	62	680	133498
1/27/20 4:00 AM	0	62	680	133498
1/27/20 4:30 AM	0	62	680	133498
1/27/20 5:00 AM	0	62	679	133498
1/27/20 5:30 AM	0	62	679	133498
1/27/20 6:00 AM	0	62	679	133498
1/27/20 6:30 AM	0	62	679	133498
1/27/20 7:00 AM	0	62	678	133498
1/27/20 7:30 AM	0	62	678	133498
1/27/20 8:00 AM	0	63	677	133498
1/27/20 8:30 AM	0	63	677	133498
1/27/20 9:00 AM	0	63	677	133498
1/27/20 9:30 AM	0	63	677	133498
1/27/20 10:00 AM	0	63	676	133498
1/27/20 10:30 AM	0	63	676	133498
1/27/20 11:00 AM	30	40	922	133511
1/27/20 11:30 AM	28	17	1002	133532
1/27/20 12:00 PM	28	10	1040	133552
1/27/20 12:30 PM	27	6	1066	133573
1/27/20 1:00 PM	28	4	1086	133593
1/27/20 1:30 PM	28	2	1102	133613
1/27/20 2:00 PM	28	1	1115	133633
1/27/20 2:30 PM	26	1	1125	133652
1/27/20 3:00 PM	29	0	1135	133672
1/27/20 3:30 PM	27	0	1143	133691
1/27/20 4:00 PM	26	-1	1151	133711
1/27/20 4:30 PM	27	-1	1158	133730
1/27/20 5:00 PM	28	-1	1165	133750
1/27/20 5:30 PM	28	-1	1169	133769
1/27/20 6:00 PM	29	-2	1172	133788
1/27/20 6:30 PM	26	-2	1177	133808

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/27/20 7:00 PM	26	-2	1182	133827
1/27/20 7:30 PM	25	-2	1186	133846
1/27/20 8:00 PM	29	-2	1190	133865
1/27/20 8:30 PM	27	-2	1194	133884
1/27/20 9:00 PM	25	-2	1198	133903
1/27/20 9:30 PM	25	-2	1202	133922
1/27/20 10:00 PM	24	-2	1206	133941
1/27/20 10:30 PM	27	-2	1210	133960
1/27/20 11:00 PM	26	-2	1214	133979
1/27/20 11:30 PM	28	-3	1218	133998
1/28/20 12:00 AM	25	-3	1221	134017
1/28/20 12:30 AM	25	-3	1225	134036
1/28/20 1:00 AM	26	-3	1229	134056
1/28/20 1:30 AM	25	-3	1233	134075
1/28/20 2:00 AM	29	-3	1236	134094
1/28/20 2:30 AM	28	-3	1239	134113
1/28/20 3:00 AM	28	-3	1242	134132
1/28/20 3:30 AM	28	-3	1245	134151
1/28/20 4:00 AM	25	-3	1247	134170
1/28/20 4:30 AM	24	-3	1250	134189
1/28/20 5:00 AM	28	-3	1253	134208
1/28/20 5:30 AM	25	-3	1255	134227
1/28/20 6:00 AM	24	-3	1257	134246
1/28/20 6:30 AM	26	-3	1260	134266
1/28/20 7:00 AM	28	-3	1262	134284
1/28/20 7:30 AM	27	-3	1264	134304
1/28/20 8:00 AM	28	-3	1266	134322
1/28/20 8:30 AM	25	-3	1269	134341
1/28/20 9:00 AM	28	-3	1271	134360
1/28/20 9:30 AM	28	-3	1273	134379
1/28/20 10:00 AM	28	-3	1274	134398
1/28/20 10:30 AM	28	-3	1277	134417
1/28/20 11:00 AM	27	-3	1279	134436
1/28/20 11:30 AM	27	-3	1281	134455
1/28/20 12:00 PM	27	-3	1282	134474
1/28/20 12:30 PM	28	-3	1285	134493
1/28/20 1:00 PM	27	-3	1286	134511
1/28/20 1:30 PM	27	-3	1287	134530
1/28/20 2:00 PM	28	-3	1289	134549

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/28/20 2:30 PM	26	-3	1290	134568
1/28/20 3:00 PM	24	-3	1292	134586
1/28/20 3:30 PM	27	-3	1293	134605
1/28/20 4:00 PM	27	-3	1295	134623
1/28/20 4:30 PM	26	-3	1294	134642
1/28/20 5:00 PM	25	-3	1294	134660
1/28/20 5:30 PM	25	-3	1295	134678
1/28/20 6:00 PM	27	-3	1297	134696
1/28/20 6:30 PM	27	-3	1299	134714
1/28/20 7:00 PM	26	-3	1301	134732
1/28/20 7:30 PM	26	-3	1303	134751
1/28/20 8:00 PM	24	-3	1305	134769
1/28/20 8:30 PM	27	-3	1307	134787
1/28/20 9:00 PM	24	-3	1308	134806
1/28/20 9:30 PM	25	-3	1309	134824
1/28/20 10:00 PM	27	-3	1311	134842
1/28/20 10:30 PM	27	-3	1312	134860
1/28/20 11:00 PM	24	-3	1314	134879
1/28/20 11:30 PM	24	-3	1315	134897
1/29/20 12:00 AM	25	-3	1316	134915
1/29/20 12:30 AM	25	-3	1317	134933
1/29/20 1:00 AM	24	-3	1317	134952
1/29/20 1:30 AM	24	-3	1319	134970
1/29/20 2:00 AM	25	-3	1320	134988
1/29/20 2:30 AM	25	-3	1321	135006
1/29/20 3:00 AM	26	-3	1323	135024
1/29/20 3:30 AM	24	-3	1324	135042
1/29/20 4:00 AM	26	-3	1325	135060
1/29/20 4:30 AM	26	-3	1327	135078
1/29/20 5:00 AM	26	-3	1328	135095
1/29/20 5:30 AM	23	-3	1329	135113
1/29/20 6:00 AM	26	-3	1330	135131
1/29/20 6:30 AM	24	-3	1332	135149
1/29/20 7:00 AM	25	-3	1333	135167
1/29/20 7:30 AM	24	-3	1334	135185
1/29/20 8:00 AM	24	-3	1335	135203
1/29/20 8:30 AM	26	-3	1337	135221
1/29/20 9:00 AM	25	-3	1338	135239
1/29/20 9:30 AM	24	-3	1339	135257

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/29/20 10:00 AM	26	-3	1340	135275
1/29/20 10:30 AM	24	-3	1342	135292
1/29/20 11:00 AM	26	-3	1343	135310
1/29/20 11:30 AM	24	-3	1344	135328
1/29/20 12:00 PM	23	-3	1345	135346
1/29/20 12:30 PM	23	-3	1346	135364
1/29/20 1:00 PM	27	-3	1350	135382
1/29/20 1:30 PM	26	-3	1349	135400
1/29/20 2:00 PM	25	-3	1350	135418
1/29/20 2:30 PM	25	-3	1351	135435
1/29/20 3:00 PM	26	-3	1353	135453
1/29/20 3:30 PM	26	-3	1354	135471
1/29/20 4:00 PM	26	-3	1354	135489
1/29/20 4:30 PM	23	-3	1356	135507
1/29/20 5:00 PM	26	-3	1357	135525
1/29/20 5:30 PM	24	-3	1358	135542
1/29/20 6:00 PM	0	-3	1146	135544
1/29/20 6:30 PM	0	-2	1096	135544
1/29/20 7:00 PM	0	-2	1065	135544
1/29/20 7:30 PM	0	-1	1041	135544
1/29/20 8:00 PM	0	-1	1022	135544
1/29/20 8:30 PM	0	0	1007	135544
1/29/20 9:00 PM	0	0	994	135544
1/29/20 9:30 PM	0	1	982	135544
1/29/20 10:00 PM	0	1	972	135544
1/29/20 10:30 PM	0	2	963	135544
1/29/20 11:00 PM	0	2	954	135544
1/29/20 11:30 PM	0	3	947	135544
1/30/20 12:00 AM	0	3	940	135544
1/30/20 12:30 AM	0	4	933	135544
1/30/20 1:00 AM	0	4	927	135544
1/30/20 1:30 AM	0	5	921	135544
1/30/20 2:00 AM	0	5	916	135544
1/30/20 2:30 AM	0	6	911	135544
1/30/20 3:00 AM	0	6	906	135544
1/30/20 3:30 AM	0	6	902	135544
1/30/20 4:00 AM	0	7	897	135544
1/30/20 4:30 AM	0	7	893	135544
1/30/20 5:00 AM	0	8	889	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/30/20 5:30 AM	0	8	886	135544
1/30/20 6:00 AM	0	8	882	135544
1/30/20 6:30 AM	0	9	879	135544
1/30/20 7:00 AM	0	9	875	135544
1/30/20 7:30 AM	0	9	872	135544
1/30/20 8:00 AM	0	10	870	135544
1/30/20 8:30 AM	0	10	866	135544
1/30/20 9:00 AM	0	10	863	135544
1/30/20 9:30 AM	0	11	860	135544
1/30/20 10:00 AM	0	11	857	135544
1/30/20 10:30 AM	0	12	854	135544
1/30/20 11:00 AM	0	12	851	135544
1/30/20 11:30 AM	0	12	849	135544
1/30/20 12:00 PM	0	13	846	135544
1/30/20 12:30 PM	0	13	844	135544
1/30/20 1:00 PM	0	13	842	135544
1/30/20 1:30 PM	0	14	840	135544
1/30/20 2:00 PM	0	14	837	135544
1/30/20 2:30 PM	0	14	835	135544
1/30/20 3:00 PM	0	15	833	135544
1/30/20 3:30 PM	0	15	831	135544
1/30/20 4:00 PM	0	15	829	135544
1/30/20 4:30 PM	0	16	828	135544
1/30/20 5:00 PM	0	16	826	135544
1/30/20 5:30 PM	0	16	824	135544
1/30/20 6:00 PM	0	17	822	135544
1/30/20 6:30 PM	0	17	820	135544
1/30/20 7:00 PM	0	17	818	135544
1/30/20 7:30 PM	0	18	817	135544
1/30/20 8:00 PM	0	18	815	135544
1/30/20 8:30 PM	0	18	814	135544
1/30/20 9:00 PM	0	18	812	135544
1/30/20 9:30 PM	0	19	810	135544
1/30/20 10:00 PM	0	19	809	135544
1/30/20 10:30 PM	0	19	807	135544
1/30/20 11:00 PM	0	20	806	135544
1/30/20 11:30 PM	0	20	804	135544
1/31/20 12:00 AM	0	20	803	135544
1/31/20 12:30 AM	0	20	802	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/31/20 1:00 AM	0	21	800	135544
1/31/20 1:30 AM	0	21	799	135544
1/31/20 2:00 AM	0	21	797	135544
1/31/20 2:30 AM	0	22	796	135544
1/31/20 3:00 AM	0	22	794	135544
1/31/20 3:30 AM	0	22	793	135544
1/31/20 4:00 AM	0	22	792	135544
1/31/20 4:30 AM	0	23	791	135544
1/31/20 5:00 AM	0	23	790	135544
1/31/20 5:30 AM	0	23	789	135544
1/31/20 6:00 AM	0	23	787	135544
1/31/20 6:30 AM	0	24	786	135544
1/31/20 7:00 AM	0	24	785	135544
1/31/20 7:30 AM	0	24	784	135544
1/31/20 8:00 AM	0	24	786	135544
1/31/20 8:30 AM	0	25	784	135544
1/31/20 9:00 AM	0	25	783	135544
1/31/20 9:30 AM	0	25	781	135544
1/31/20 10:00 AM	0	26	780	135544
1/31/20 10:30 AM	0	26	779	135544
1/31/20 11:00 AM	0	26	778	135544
1/31/20 11:30 AM	0	26	777	135544
1/31/20 12:00 PM	0	27	776	135544
1/31/20 12:30 PM	0	27	775	135544
1/31/20 1:00 PM	0	27	774	135544
1/31/20 1:30 PM	0	28	773	135544
1/31/20 2:00 PM	0	28	772	135544
1/31/20 2:30 PM	0	28	771	135544
1/31/20 3:00 PM	0	28	770	135544
1/31/20 3:30 PM	0	29	769	135544
1/31/20 4:00 PM	0	29	768	135544
1/31/20 4:30 PM	0	29	768	135544
1/31/20 5:00 PM	0	30	767	135544
1/31/20 5:30 PM	0	30	766	135544
1/31/20 6:00 PM	0	30	765	135544
1/31/20 6:30 PM	0	30	764	135544
1/31/20 7:00 PM	0	31	763	135544
1/31/20 7:30 PM	0	31	763	135544
1/31/20 8:00 PM	0	31	762	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
1/31/20 8:30 PM	0	31	761	135544
1/31/20 9:00 PM	0	32	760	135544
1/31/20 9:30 PM	0	32	759	135544
1/31/20 10:00 PM	0	32	759	135544
1/31/20 10:30 PM	0	32	758	135544
1/31/20 11:00 PM	0	32	757	135544
1/31/20 11:30 PM	0	33	756	135544
2/1/20 12:00 AM	0	32	757	135544
2/1/20 12:30 AM	0	33	756	135544
2/1/20 1:00 AM	0	33	755	135544
2/1/20 1:30 AM	0	33	755	135544
2/1/20 2:00 AM	0	33	754	135544
2/1/20 2:30 AM	0	34	753	135544
2/1/20 3:00 AM	0	34	753	135544
2/1/20 3:30 AM	0	34	752	135544
2/1/20 4:00 AM	0	34	751	135544
2/1/20 4:30 AM	0	34	751	135544
2/1/20 5:00 AM	0	35	750	135544
2/1/20 5:30 AM	0	35	750	135544
2/1/20 6:00 AM	0	35	749	135544
2/1/20 6:30 AM	0	35	748	135544
2/1/20 7:00 AM	0	36	747	135544
2/1/20 7:30 AM	0	36	746	135544
2/1/20 8:00 AM	0	36	746	135544
2/1/20 8:30 AM	0	36	745	135544
2/1/20 9:00 AM	0	36	746	135544
2/1/20 9:30 AM	0	37	746	135544
2/1/20 10:00 AM	0	37	745	135544
2/1/20 10:30 AM	0	37	744	135544
2/1/20 11:00 AM	0	37	743	135544
2/1/20 11:30 AM	0	38	742	135544
2/1/20 12:00 PM	0	38	742	135544
2/1/20 12:30 PM	0	38	741	135544
2/1/20 1:00 PM	0	38	740	135544
2/1/20 1:30 PM	0	39	740	135544
2/1/20 2:00 PM	0	39	739	135544
2/1/20 2:30 PM	0	39	739	135544
2/1/20 3:00 PM	0	39	738	135544
2/1/20 3:30 PM	0	40	737	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/1/20 4:00 PM	0	40	737	135544
2/1/20 4:30 PM	0	40	736	135544
2/1/20 5:00 PM	0	40	735	135544
2/1/20 5:30 PM	0	41	735	135544
2/1/20 6:00 PM	0	41	734	135544
2/1/20 6:30 PM	0	41	734	135544
2/1/20 7:00 PM	0	41	733	135544
2/1/20 7:30 PM	0	42	733	135544
2/1/20 8:00 PM	0	42	732	135544
2/1/20 8:30 PM	0	42	732	135544
2/1/20 9:00 PM	0	42	731	135544
2/1/20 9:30 PM	0	42	731	135544
2/1/20 10:00 PM	0	43	730	135544
2/1/20 10:30 PM	0	43	730	135544
2/1/20 11:00 PM	0	43	729	135544
2/1/20 11:30 PM	0	43	729	135544
2/2/20 12:00 AM	0	43	728	135544
2/2/20 12:30 AM	0	44	728	135544
2/2/20 1:00 AM	0	44	727	135544
2/2/20 1:30 AM	0	44	727	135544
2/2/20 2:00 AM	0	44	726	135544
2/2/20 2:30 AM	0	44	726	135544
2/2/20 3:00 AM	0	44	725	135544
2/2/20 3:30 AM	0	45	724	135544
2/2/20 4:00 AM	0	45	724	135544
2/2/20 4:30 AM	0	45	724	135544
2/2/20 5:00 AM	0	45	723	135544
2/2/20 5:30 AM	0	45	723	135544
2/2/20 6:00 AM	0	45	722	135544
2/2/20 6:30 AM	0	46	722	135544
2/2/20 7:00 AM	0	46	722	135544
2/2/20 7:30 AM	0	46	721	135544
2/2/20 8:00 AM	0	46	721	135544
2/2/20 8:30 AM	0	46	720	135544
2/2/20 9:00 AM	0	46	721	135544
2/2/20 9:30 AM	0	47	721	135544
2/2/20 10:00 AM	0	47	720	135544
2/2/20 10:30 AM	0	47	719	135544
2/2/20 11:00 AM	0	47	719	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/2/20 11:30 AM	0	47	718	135544
2/2/20 12:00 PM	0	48	718	135544
2/2/20 12:30 PM	0	48	717	135544
2/2/20 1:00 PM	0	48	717	135544
2/2/20 1:30 PM	0	48	716	135544
2/2/20 2:00 PM	0	49	716	135544
2/2/20 2:30 PM	0	49	715	135544
2/2/20 3:00 PM	0	49	715	135544
2/2/20 3:30 PM	0	49	715	135544
2/2/20 4:00 PM	0	50	714	135544
2/2/20 4:30 PM	0	50	714	135544
2/2/20 5:00 PM	0	50	713	135544
2/2/20 5:30 PM	0	50	713	135544
2/2/20 6:00 PM	0	51	712	135544
2/2/20 6:30 PM	0	51	712	135544
2/2/20 7:00 PM	0	51	712	135544
2/2/20 7:30 PM	0	51	711	135544
2/2/20 8:00 PM	0	51	711	135544
2/2/20 8:30 PM	0	52	711	135544
2/2/20 9:00 PM	0	52	710	135544
2/2/20 9:30 PM	0	52	710	135544
2/2/20 10:00 PM	0	52	710	135544
2/2/20 10:30 PM	0	52	710	135544
2/2/20 11:00 PM	0	52	709	135544
2/2/20 11:30 PM	0	53	709	135544
2/3/20 12:00 AM	0	53	708	135544
2/3/20 12:30 AM	0	53	708	135544
2/3/20 1:00 AM	0	53	707	135544
2/3/20 1:30 AM	0	53	707	135544
2/3/20 2:00 AM	0	53	707	135544
2/3/20 2:30 AM	0	54	707	135544
2/3/20 3:00 AM	0	54	706	135544
2/3/20 3:30 AM	0	54	706	135544
2/3/20 4:00 AM	0	54	705	135544
2/3/20 4:30 AM	0	54	705	135544
2/3/20 5:00 AM	0	54	705	135544
2/3/20 5:30 AM	0	55	704	135544
2/3/20 6:00 AM	0	55	704	135544
2/3/20 6:30 AM	0	55	704	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/3/20 7:00 AM	0	55	703	135544
2/3/20 7:30 AM	0	55	703	135544
2/3/20 8:00 AM	0	55	703	135544
2/3/20 8:30 AM	0	56	702	135544
2/3/20 9:00 AM	0	56	702	135544
2/3/20 9:30 AM	0	56	702	135544
2/3/20 10:00 AM	0	56	702	135544
2/3/20 10:30 AM	0	56	701	135544
2/3/20 11:00 AM	0	57	701	135544
2/3/20 11:30 AM	0	57	701	135544
2/3/20 12:00 PM	0	57	700	135544
2/3/20 12:30 PM	0	57	700	135544
2/3/20 1:00 PM	0	57	699	135544
2/3/20 1:30 PM	0	58	699	135544
2/3/20 2:00 PM	0	58	698	135544
2/3/20 2:30 PM	0	58	698	135544
2/3/20 3:00 PM	0	58	698	135544
2/3/20 3:30 PM	0	58	697	135544
2/3/20 4:00 PM	0	58	697	135544
2/3/20 4:30 PM	0	59	697	135544
2/3/20 5:00 PM	0	59	697	135544
2/3/20 5:30 PM	0	59	696	135544
2/3/20 6:00 PM	0	59	696	135544
2/3/20 6:30 PM	0	59	696	135544
2/3/20 7:00 PM	0	59	695	135544
2/3/20 7:30 PM	0	59	695	135544
2/3/20 8:00 PM	0	60	695	135544
2/3/20 8:30 PM	0	60	694	135544
2/3/20 9:00 PM	0	60	694	135544
2/3/20 9:30 PM	0	60	694	135544
2/3/20 10:00 PM	0	60	693	135544
2/3/20 10:30 PM	0	60	693	135544
2/3/20 11:00 PM	0	60	693	135544
2/3/20 11:30 PM	0	60	693	135544
2/4/20 12:00 AM	0	60	692	135544
2/4/20 12:30 AM	0	60	692	135544
2/4/20 1:00 AM	0	60	692	135544
2/4/20 1:30 AM	0	60	691	135544
2/4/20 2:00 AM	0	60	691	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/4/20 2:30 AM	0	60	691	135544
2/4/20 3:00 AM	0	60	690	135544
2/4/20 3:30 AM	0	60	690	135544
2/4/20 4:00 AM	0	60	690	135544
2/4/20 4:30 AM	0	60	689	135544
2/4/20 5:00 AM	0	60	689	135544
2/4/20 5:30 AM	0	60	689	135544
2/4/20 6:00 AM	0	60	688	135544
2/4/20 6:30 AM	0	60	688	135544
2/4/20 7:00 AM	0	60	688	135544
2/4/20 7:30 AM	0	60	687	135544
2/4/20 8:00 AM	0	59	687	135544
2/4/20 8:30 AM	0	59	687	135544
2/4/20 9:00 AM	0	59	688	135544
2/4/20 9:30 AM	0	59	688	135544
2/4/20 10:00 AM	0	59	688	135544
2/4/20 10:30 AM	0	60	687	135544
2/4/20 11:00 AM	0	60	687	135544
2/4/20 11:30 AM	0	60	686	135544
2/4/20 12:00 PM	0	60	686	135544
2/4/20 12:30 PM	0	60	686	135544
2/4/20 1:00 PM	0	60	685	135544
2/4/20 1:30 PM	0	61	685	135544
2/4/20 2:00 PM	0	61	685	135544
2/4/20 2:30 PM	0	61	684	135544
2/4/20 3:00 PM	0	61	684	135544
2/4/20 3:30 PM	0	61	684	135544
2/4/20 4:00 PM	0	62	683	135544
2/4/20 4:30 PM	0	62	683	135544
2/4/20 5:00 PM	0	62	683	135544
2/4/20 5:30 PM	0	62	683	135544
2/4/20 6:00 PM	0	62	682	135544
2/4/20 6:30 PM	0	62	682	135544
2/4/20 7:00 PM	0	63	682	135544
2/4/20 7:30 PM	0	63	681	135544
2/4/20 8:00 PM	0	62	681	135544
2/4/20 8:30 PM	0	62	681	135544
2/4/20 9:00 PM	0	62	681	135544
2/4/20 9:30 PM	0	62	680	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/4/20 10:00 PM	0	62	680	135544
2/4/20 10:30 PM	0	62	680	135544
2/4/20 11:00 PM	0	62	679	135544
2/4/20 11:30 PM	0	62	679	135544
2/5/20 12:00 AM	0	62	679	135544
2/5/20 12:30 AM	0	61	679	135544
2/5/20 1:00 AM	0	61	678	135544
2/5/20 1:30 AM	0	61	678	135544
2/5/20 2:00 AM	0	61	678	135544
2/5/20 2:30 AM	0	61	678	135544
2/5/20 3:00 AM	0	60	678	135544
2/5/20 3:30 AM	0	60	677	135544
2/5/20 4:00 AM	0	60	677	135544
2/5/20 4:30 AM	0	60	677	135544
2/5/20 5:00 AM	0	60	676	135544
2/5/20 5:30 AM	0	60	676	135544
2/5/20 6:00 AM	0	59	676	135544
2/5/20 6:30 AM	0	59	675	135544
2/5/20 7:00 AM	0	59	675	135544
2/5/20 7:30 AM	0	59	675	135544
2/5/20 8:00 AM	0	59	675	135544
2/5/20 8:30 AM	0	58	675	135544
2/5/20 9:00 AM	0	58	676	135544
2/5/20 9:30 AM	0	58	676	135544
2/5/20 10:00 AM	0	58	676	135544
2/5/20 10:30 AM	0	58	676	135544
2/5/20 11:00 AM	0	59	675	135544
2/5/20 11:30 AM	0	59	675	135544
2/5/20 12:00 PM	0	59	674	135544
2/5/20 12:30 PM	0	59	674	135544
2/5/20 1:00 PM	0	59	674	135544
2/5/20 1:30 PM	0	60	673	135544
2/5/20 2:00 PM	0	60	673	135544
2/5/20 2:30 PM	0	60	673	135544
2/5/20 3:00 PM	0	60	673	135544
2/5/20 3:30 PM	0	60	673	135544
2/5/20 4:00 PM	0	61	672	135544
2/5/20 4:30 PM	0	61	672	135544
2/5/20 5:00 PM	0	61	671	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/5/20 5:30 PM	0	61	671	135544
2/5/20 6:00 PM	0	61	671	135544
2/5/20 6:30 PM	0	61	671	135544
2/5/20 7:00 PM	0	61	670	135544
2/5/20 7:30 PM	0	61	670	135544
2/5/20 8:00 PM	0	61	670	135544
2/5/20 8:30 PM	0	61	670	135544
2/5/20 9:00 PM	0	61	670	135544
2/5/20 9:30 PM	0	61	670	135544
2/5/20 10:00 PM	0	61	669	135544
2/5/20 10:30 PM	0	61	669	135544
2/5/20 11:00 PM	0	61	669	135544
2/5/20 11:30 PM	0	61	669	135544
2/6/20 12:00 AM	0	61	669	135544
2/6/20 12:30 AM	0	61	669	135544
2/6/20 1:00 AM	0	60	668	135544
2/6/20 1:30 AM	0	60	668	135544
2/6/20 2:00 AM	0	60	667	135544
2/6/20 2:30 AM	0	60	667	135544
2/6/20 3:00 AM	0	60	667	135544
2/6/20 3:30 AM	0	60	667	135544
2/6/20 4:00 AM	0	60	667	135544
2/6/20 4:30 AM	0	60	667	135544
2/6/20 5:00 AM	0	60	667	135544
2/6/20 5:30 AM	0	60	666	135544
2/6/20 6:00 AM	0	59	666	135544
2/6/20 6:30 AM	0	59	666	135544
2/6/20 7:00 AM	0	59	666	135544
2/6/20 7:30 AM	0	59	666	135544
2/6/20 8:00 AM	0	59	665	135544
2/6/20 8:30 AM	0	59	666	135544
2/6/20 9:00 AM	0	59	666	135544
2/6/20 9:30 AM	0	59	666	135544
2/6/20 10:00 AM	0	59	666	135544
2/6/20 10:30 AM	0	59	665	135544
2/6/20 11:00 AM	0	59	665	135544
2/6/20 11:30 AM	0	59	664	135544
2/6/20 12:00 PM	0	60	664	135544
2/6/20 12:30 PM	0	60	664	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/6/20 1:00 PM	0	60	663	135544
2/6/20 1:30 PM	0	60	664	135544
2/6/20 2:00 PM	0	60	663	135544
2/6/20 2:30 PM	0	61	663	135544
2/6/20 3:00 PM	0	61	663	135544
2/6/20 3:30 PM	0	61	663	135544
2/6/20 4:00 PM	0	61	662	135544
2/6/20 4:30 PM	0	61	662	135544
2/6/20 5:00 PM	0	61	662	135544
2/6/20 5:30 PM	0	62	662	135544
2/6/20 6:00 PM	0	62	662	135544
2/6/20 6:30 PM	0	62	661	135544
2/6/20 7:00 PM	0	62	661	135544
2/6/20 7:30 PM	0	62	661	135544
2/6/20 8:00 PM	0	62	661	135544
2/6/20 8:30 PM	0	62	661	135544
2/6/20 9:00 PM	0	62	660	135544
2/6/20 9:30 PM	0	62	660	135544
2/6/20 10:00 PM	0	62	660	135544
2/6/20 10:30 PM	0	62	660	135544
2/6/20 11:00 PM	0	62	660	135544
2/6/20 11:30 PM	0	62	660	135544
2/7/20 12:00 AM	0	62	659	135544
2/7/20 12:30 AM	0	62	659	135544
2/7/20 1:00 AM	0	62	659	135544
2/7/20 1:30 AM	0	62	659	135544
2/7/20 2:00 AM	0	62	659	135544
2/7/20 2:30 AM	0	62	658	135544
2/7/20 3:00 AM	0	62	658	135544
2/7/20 3:30 AM	0	62	658	135544
2/7/20 4:00 AM	0	62	658	135544
2/7/20 4:30 AM	0	62	658	135544
2/7/20 5:00 AM	0	62	658	135544
2/7/20 5:30 AM	0	62	657	135544
2/7/20 6:00 AM	0	62	657	135544
2/7/20 6:30 AM	0	62	657	135544
2/7/20 7:00 AM	0	62	657	135544
2/7/20 7:30 AM	0	62	657	135544
2/7/20 8:00 AM	0	62	656	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/7/20 8:30 AM	0	62	657	135544
2/7/20 9:00 AM	0	62	657	135544
2/7/20 9:30 AM	0	62	657	135544
2/7/20 10:00 AM	0	62	657	135544
2/7/20 10:30 AM	0	62	656	135544
2/7/20 11:00 AM	0	62	656	135544
2/7/20 11:30 AM	0	62	656	135544
2/7/20 12:00 PM	0	62	655	135544
2/7/20 12:30 PM	0	63	655	135544
2/7/20 1:00 PM	0	63	655	135544
2/7/20 1:30 PM	0	63	655	135544
2/7/20 2:00 PM	0	63	655	135544
2/7/20 2:30 PM	0	63	654	135544
2/7/20 3:00 PM	0	63	654	135544
2/7/20 3:30 PM	0	64	654	135544
2/7/20 4:00 PM	0	64	654	135544
2/7/20 4:30 PM	0	64	654	135544
2/7/20 5:00 PM	0	64	653	135544
2/7/20 5:30 PM	0	64	653	135544
2/7/20 6:00 PM	0	64	653	135544
2/7/20 6:30 PM	0	64	653	135544
2/7/20 7:00 PM	0	65	653	135544
2/7/20 7:30 PM	0	65	653	135544
2/7/20 8:00 PM	0	65	653	135544
2/7/20 8:30 PM	0	65	652	135544
2/7/20 9:00 PM	0	65	652	135544
2/7/20 9:30 PM	0	65	652	135544
2/7/20 10:00 PM	0	65	652	135544
2/7/20 10:30 PM	0	65	652	135544
2/7/20 11:00 PM	0	65	652	135544
2/7/20 11:30 PM	0	65	651	135544
2/8/20 12:00 AM	0	64	651	135544
2/8/20 12:30 AM	0	64	651	135544
2/8/20 1:00 AM	0	64	651	135544
2/8/20 1:30 AM	0	64	651	135544
2/8/20 2:00 AM	0	64	650	135544
2/8/20 2:30 AM	0	64	650	135544
2/8/20 3:00 AM	0	64	650	135544
2/8/20 3:30 AM	0	63	650	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/8/20 4:00 AM	0	63	650	135544
2/8/20 4:30 AM	0	63	650	135544
2/8/20 5:00 AM	0	63	649	135544
2/8/20 5:30 AM	0	63	649	135544
2/8/20 6:00 AM	0	63	649	135544
2/8/20 6:30 AM	0	62	649	135544
2/8/20 7:00 AM	0	62	649	135544
2/8/20 7:30 AM	0	62	649	135544
2/8/20 8:00 AM	0	62	648	135544
2/8/20 8:30 AM	0	62	649	135544
2/8/20 9:00 AM	0	62	649	135544
2/8/20 9:30 AM	0	62	649	135544
2/8/20 10:00 AM	0	62	649	135544
2/8/20 10:30 AM	0	62	649	135544
2/8/20 11:00 AM	0	62	648	135544
2/8/20 11:30 AM	0	62	648	135544
2/8/20 12:00 PM	0	62	648	135544
2/8/20 12:30 PM	0	62	648	135544
2/8/20 1:00 PM	0	63	648	135544
2/8/20 1:30 PM	0	63	647	135544
2/8/20 2:00 PM	0	63	647	135544
2/8/20 2:30 PM	0	63	647	135544
2/8/20 3:00 PM	0	63	647	135544
2/8/20 3:30 PM	0	64	647	135544
2/8/20 4:00 PM	0	64	646	135544
2/8/20 4:30 PM	0	64	646	135544
2/8/20 5:00 PM	0	64	646	135544
2/8/20 5:30 PM	0	64	646	135544
2/8/20 6:00 PM	0	64	646	135544
2/8/20 6:30 PM	0	65	645	135544
2/8/20 7:00 PM	0	65	645	135544
2/8/20 7:30 PM	0	65	645	135544
2/8/20 8:00 PM	0	65	645	135544
2/8/20 8:30 PM	0	65	645	135544
2/8/20 9:00 PM	0	64	645	135544
2/8/20 9:30 PM	0	64	645	135544
2/8/20 10:00 PM	0	64	645	135544
2/8/20 10:30 PM	0	64	645	135544
2/8/20 11:00 PM	0	64	645	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/8/20 11:30 PM	0	64	644	135544
2/9/20 12:00 AM	0	63	644	135544
2/9/20 12:30 AM	0	63	644	135544
2/9/20 1:00 AM	0	63	644	135544
2/9/20 1:30 AM	0	63	644	135544
2/9/20 2:00 AM	0	62	644	135544
2/9/20 2:30 AM	0	62	643	135544
2/9/20 3:00 AM	0	62	643	135544
2/9/20 3:30 AM	0	62	643	135544
2/9/20 4:00 AM	0	61	643	135544
2/9/20 4:30 AM	0	61	643	135544
2/9/20 5:00 AM	0	61	643	135544
2/9/20 5:30 AM	0	61	642	135544
2/9/20 6:00 AM	0	60	642	135544
2/9/20 6:30 AM	0	60	642	135544
2/9/20 7:00 AM	0	60	642	135544
2/9/20 7:30 AM	0	60	642	135544
2/9/20 8:00 AM	0	60	642	135544
2/9/20 8:30 AM	0	59	642	135544
2/9/20 9:00 AM	0	59	643	135544
2/9/20 9:30 AM	0	59	642	135544
2/9/20 10:00 AM	0	59	642	135544
2/9/20 10:30 AM	0	59	642	135544
2/9/20 11:00 AM	0	59	642	135544
2/9/20 11:30 AM	0	60	641	135544
2/9/20 12:00 PM	0	60	641	135544
2/9/20 12:30 PM	0	60	641	135544
2/9/20 1:00 PM	0	60	640	135544
2/9/20 1:30 PM	0	60	640	135544
2/9/20 2:00 PM	0	61	640	135544
2/9/20 2:30 PM	0	61	640	135544
2/9/20 3:00 PM	0	61	640	135544
2/9/20 3:30 PM	0	61	640	135544
2/9/20 4:00 PM	0	61	640	135544
2/9/20 4:30 PM	0	61	640	135544
2/9/20 5:00 PM	0	61	639	135544
2/9/20 5:30 PM	0	62	639	135544
2/9/20 6:00 PM	0	62	639	135544
2/9/20 6:30 PM	0	62	639	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/9/20 7:00 PM	0	62	639	135544
2/9/20 7:30 PM	0	62	639	135544
2/9/20 8:00 PM	0	62	639	135544
2/9/20 8:30 PM	0	62	639	135544
2/9/20 9:00 PM	0	62	639	135544
2/9/20 9:30 PM	0	62	639	135544
2/9/20 10:00 PM	0	62	638	135544
2/9/20 10:30 PM	0	62	638	135544
2/9/20 11:00 PM	0	61	638	135544
2/9/20 11:30 PM	0	61	638	135544
2/10/20 12:00 AM	0	61	638	135544
2/10/20 12:30 AM	0	61	638	135544
2/10/20 1:00 AM	0	61	638	135544
2/10/20 1:30 AM	0	61	637	135544
2/10/20 2:00 AM	0	61	637	135544
2/10/20 2:30 AM	0	61	637	135544
2/10/20 3:00 AM	0	61	637	135544
2/10/20 3:30 AM	0	60	637	135544
2/10/20 4:00 AM	0	60	637	135544
2/10/20 4:30 AM	0	60	636	135544
2/10/20 5:00 AM	0	60	636	135544
2/10/20 5:30 AM	0	60	636	135544
2/10/20 6:00 AM	0	60	636	135544
2/10/20 6:30 AM	0	60	636	135544
2/10/20 7:00 AM	0	59	636	135544
2/10/20 7:30 AM	0	59	636	135544
2/10/20 8:00 AM	0	59	636	135544
2/10/20 8:30 AM	0	59	636	135544
2/10/20 9:00 AM	0	59	636	135544
2/10/20 9:30 AM	0	59	636	135544
2/10/20 10:00 AM	0	59	636	135544
2/10/20 10:30 AM	0	59	636	135544
2/10/20 11:00 AM	0	59	635	135544
2/10/20 11:30 AM	0	59	635	135544
2/10/20 12:00 PM	0	59	635	135544
2/10/20 12:30 PM	0	59	635	135544
2/10/20 1:00 PM	0	59	635	135544
2/10/20 1:30 PM	0	59	635	135544
2/10/20 2:00 PM	0	59	635	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/10/20 2:30 PM	0	60	634	135544
2/10/20 3:00 PM	0	60	634	135544
2/10/20 3:30 PM	0	60	634	135544
2/10/20 4:00 PM	0	60	634	135544
2/10/20 4:30 PM	0	60	634	135544
2/10/20 5:00 PM	0	60	633	135544
2/10/20 5:30 PM	0	60	633	135544
2/10/20 6:00 PM	0	60	633	135544
2/10/20 6:30 PM	0	61	633	135544
2/10/20 7:00 PM	0	61	633	135544
2/10/20 7:30 PM	0	61	633	135544
2/10/20 8:00 PM	0	61	633	135544
2/10/20 8:30 PM	0	61	633	135544
2/10/20 9:00 PM	0	61	633	135544
2/10/20 9:30 PM	0	60	633	135544
2/10/20 10:00 PM	0	60	632	135544
2/10/20 10:30 PM	0	60	632	135544
2/10/20 11:00 PM	0	60	632	135544
2/10/20 11:30 PM	0	60	632	135544
2/11/20 12:00 AM	0	60	632	135544
2/11/20 12:30 AM	0	60	632	135544
2/11/20 1:00 AM	0	60	632	135544
2/11/20 1:30 AM	0	60	632	135544
2/11/20 2:00 AM	0	60	631	135544
2/11/20 2:30 AM	0	59	631	135544
2/11/20 3:00 AM	0	59	631	135544
2/11/20 3:30 AM	0	59	631	135544
2/11/20 4:00 AM	0	59	631	135544
2/11/20 4:30 AM	0	59	631	135544
2/11/20 5:00 AM	0	59	631	135544
2/11/20 5:30 AM	0	59	631	135544
2/11/20 6:00 AM	0	59	630	135544
2/11/20 6:30 AM	0	59	630	135544
2/11/20 7:00 AM	0	59	630	135544
2/11/20 7:30 AM	0	59	630	135544
2/11/20 8:00 AM	0	59	630	135544
2/11/20 8:30 AM	0	59	630	135544
2/11/20 9:00 AM	0	58	630	135544
2/11/20 9:30 AM	0	58	630	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/11/20 10:00 AM	0	58	630	135544
2/11/20 10:30 AM	0	58	630	135544
2/11/20 11:00 AM	0	58	630	135544
2/11/20 11:30 AM	0	58	630	135544
2/11/20 12:00 PM	0	58	630	135544
2/11/20 12:30 PM	0	58	629	135544
2/11/20 1:00 PM	0	58	629	135544
2/11/20 1:30 PM	0	58	629	135544
2/11/20 2:00 PM	0	59	629	135544
2/11/20 2:30 PM	0	59	629	135544
2/11/20 3:00 PM	0	59	629	135544
2/11/20 3:30 PM	0	59	628	135544
2/11/20 4:00 PM	0	59	628	135544
2/11/20 4:30 PM	0	59	629	135544
2/11/20 5:00 PM	0	59	628	135544
2/11/20 5:30 PM	0	59	628	135544
2/11/20 6:00 PM	0	59	628	135544
2/11/20 6:30 PM	0	59	628	135544
2/11/20 7:00 PM	0	59	628	135544
2/11/20 7:30 PM	0	60	627	135544
2/11/20 8:00 PM	0	60	627	135544
2/11/20 8:30 PM	0	60	627	135544
2/11/20 9:00 PM	0	60	627	135544
2/11/20 9:30 PM	0	59	627	135544
2/11/20 10:00 PM	0	59	627	135544
2/11/20 10:30 PM	0	59	627	135544
2/11/20 11:00 PM	0	59	627	135544
2/11/20 11:30 PM	0	59	627	135544
2/12/20 12:00 AM	0	59	626	135544
2/12/20 12:30 AM	0	59	626	135544
2/12/20 1:00 AM	0	59	626	135544
2/12/20 1:30 AM	0	59	626	135544
2/12/20 2:00 AM	0	59	626	135544
2/12/20 2:30 AM	0	59	626	135544
2/12/20 3:00 AM	0	58	626	135544
2/12/20 3:30 AM	0	58	625	135544
2/12/20 4:00 AM	0	58	625	135544
2/12/20 4:30 AM	0	58	625	135544
2/12/20 5:00 AM	0	58	625	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/12/20 5:30 AM	0	58	625	135544
2/12/20 6:00 AM	0	57	625	135544
2/12/20 6:30 AM	0	57	625	135544
2/12/20 7:00 AM	0	57	624	135544
2/12/20 7:30 AM	0	57	624	135544
2/12/20 8:00 AM	0	56	624	135544
2/12/20 8:30 AM	0	56	625	135544
2/12/20 9:00 AM	0	56	626	135544
2/12/20 9:30 AM	0	56	625	135544
2/12/20 10:00 AM	0	56	625	135544
2/12/20 10:30 AM	0	56	625	135544
2/12/20 11:00 AM	0	56	625	135544
2/12/20 11:30 AM	0	57	625	135544
2/12/20 12:00 PM	0	57	624	135544
2/12/20 12:30 PM	0	57	624	135544
2/12/20 1:00 PM	0	57	624	135544
2/12/20 1:30 PM	0	57	624	135544
2/12/20 2:00 PM	0	57	624	135544
2/12/20 2:30 PM	0	57	624	135544
2/12/20 3:00 PM	0	57	624	135544
2/12/20 3:30 PM	0	58	623	135544
2/12/20 4:00 PM	0	58	623	135544
2/12/20 4:30 PM	0	58	623	135544
2/12/20 5:00 PM	0	58	623	135544
2/12/20 5:30 PM	0	58	623	135544
2/12/20 6:00 PM	0	58	623	135544
2/12/20 6:30 PM	0	58	622	135544
2/12/20 7:00 PM	0	58	622	135544
2/12/20 7:30 PM	0	58	622	135544
2/12/20 8:00 PM	0	58	622	135544
2/12/20 8:30 PM	0	58	622	135544
2/12/20 9:00 PM	0	58	622	135544
2/12/20 9:30 PM	0	58	622	135544
2/12/20 10:00 PM	0	58	622	135544
2/12/20 10:30 PM	0	58	622	135544
2/12/20 11:00 PM	0	58	622	135544
2/12/20 11:30 PM	0	57	622	135544
2/13/20 12:00 AM	0	57	622	135544
2/13/20 12:30 AM	0	57	621	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/13/20 1:00 AM	0	57	621	135544
2/13/20 1:30 AM	0	57	621	135544
2/13/20 2:00 AM	0	57	621	135544
2/13/20 2:30 AM	0	57	621	135544
2/13/20 3:00 AM	0	56	621	135544
2/13/20 3:30 AM	0	56	621	135544
2/13/20 4:00 AM	0	56	620	135544
2/13/20 4:30 AM	0	56	620	135544
2/13/20 5:00 AM	0	55	620	135544
2/13/20 5:30 AM	0	55	620	135544
2/13/20 6:00 AM	0	55	620	135544
2/13/20 6:30 AM	0	55	620	135544
2/13/20 7:00 AM	0	55	620	135544
2/13/20 7:30 AM	0	54	619	135544
2/13/20 8:00 AM	0	54	619	135544
2/13/20 8:30 AM	0	54	620	135544
2/13/20 9:00 AM	0	54	621	135544
2/13/20 9:30 AM	0	54	621	135544
2/13/20 10:00 AM	0	54	621	135544
2/13/20 10:30 AM	0	54	620	135544
2/13/20 11:00 AM	0	54	620	135544
2/13/20 11:30 AM	0	54	620	135544
2/13/20 12:00 PM	0	54	620	135544
2/13/20 12:30 PM	0	55	619	135544
2/13/20 1:00 PM	0	55	619	135544
2/13/20 1:30 PM	0	55	619	135544
2/13/20 2:00 PM	0	55	619	135544
2/13/20 2:30 PM	0	55	619	135544
2/13/20 3:00 PM	0	55	619	135544
2/13/20 3:30 PM	0	55	619	135544
2/13/20 4:00 PM	0	55	618	135544
2/13/20 4:30 PM	0	56	618	135544
2/13/20 5:00 PM	0	56	618	135544
2/13/20 5:30 PM	0	56	618	135544
2/13/20 6:00 PM	0	56	618	135544
2/13/20 6:30 PM	0	56	618	135544
2/13/20 7:00 PM	0	56	618	135544
2/13/20 7:30 PM	0	56	618	135544
2/13/20 8:00 PM	0	56	618	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/13/20 8:30 PM	0	56	618	135544
2/13/20 9:00 PM	0	56	618	135544
2/13/20 9:30 PM	0	56	618	135544
2/13/20 10:00 PM	0	56	618	135544
2/13/20 10:30 PM	0	56	617	135544
2/13/20 11:00 PM	0	56	617	135544
2/13/20 11:30 PM	0	55	617	135544
2/14/20 12:00 AM	0	55	617	135544
2/14/20 12:30 AM	0	55	617	135544
2/14/20 1:00 AM	0	55	617	135544
2/14/20 1:30 AM	0	55	617	135544
2/14/20 2:00 AM	0	55	617	135544
2/14/20 2:30 AM	0	55	616	135544
2/14/20 3:00 AM	0	54	616	135544
2/14/20 3:30 AM	0	54	616	135544
2/14/20 4:00 AM	0	54	616	135544
2/14/20 4:30 AM	0	54	616	135544
2/14/20 5:00 AM	0	54	616	135544
2/14/20 5:30 AM	0	54	616	135544
2/14/20 6:00 AM	0	53	616	135544
2/14/20 6:30 AM	0	53	616	135544
2/14/20 7:00 AM	0	53	616	135544
2/14/20 7:30 AM	0	53	615	135544
2/14/20 8:00 AM	0	53	615	135544
2/14/20 8:30 AM	0	53	616	135544
2/14/20 9:00 AM	0	53	616	135544
2/14/20 9:30 AM	0	53	616	135544
2/14/20 10:00 AM	0	53	616	135544
2/14/20 10:30 AM	0	53	616	135544
2/14/20 11:00 AM	0	53	616	135544
2/14/20 11:30 AM	0	53	615	135544
2/14/20 12:00 PM	0	53	615	135544
2/14/20 12:30 PM	0	53	615	135544
2/14/20 1:00 PM	0	53	615	135544
2/14/20 1:30 PM	0	54	615	135544
2/14/20 2:00 PM	0	54	615	135544
2/14/20 2:30 PM	0	54	615	135544
2/14/20 3:00 PM	0	54	615	135544
2/14/20 3:30 PM	0	54	615	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/14/20 4:00 PM	0	54	614	135544
2/14/20 4:30 PM	0	54	614	135544
2/14/20 5:00 PM	0	55	614	135544
2/14/20 5:30 PM	0	55	614	135544
2/14/20 6:00 PM	0	55	614	135544
2/14/20 6:30 PM	0	55	614	135544
2/14/20 7:00 PM	0	55	614	135544
2/14/20 7:30 PM	0	55	614	135544
2/14/20 8:00 PM	0	55	614	135544
2/14/20 8:30 PM	0	55	614	135544
2/14/20 9:00 PM	0	55	613	135544
2/14/20 9:30 PM	0	55	613	135544
2/14/20 10:00 PM	0	55	613	135544
2/14/20 10:30 PM	0	54	613	135544
2/14/20 11:00 PM	0	54	613	135544
2/14/20 11:30 PM	0	54	613	135544
2/15/20 12:00 AM	0	54	613	135544
2/15/20 12:30 AM	0	54	613	135544
2/15/20 1:00 AM	0	54	613	135544
2/15/20 1:30 AM	0	53	613	135544
2/15/20 2:00 AM	0	53	612	135544
2/15/20 2:30 AM	0	53	612	135544
2/15/20 3:00 AM	0	53	612	135544
2/15/20 3:30 AM	0	52	612	135544
2/15/20 4:00 AM	0	52	612	135544
2/15/20 4:30 AM	0	52	612	135544
2/15/20 5:00 AM	0	52	612	135544
2/15/20 5:30 AM	0	52	611	135544
2/15/20 6:00 AM	0	51	611	135544
2/15/20 6:30 AM	0	51	611	135544
2/15/20 7:00 AM	0	51	611	135544
2/15/20 7:30 AM	0	51	611	135544
2/15/20 8:00 AM	0	51	611	135544
2/15/20 8:30 AM	0	50	613	135544
2/15/20 9:00 AM	0	50	612	135544
2/15/20 9:30 AM	0	50	612	135544
2/15/20 10:00 AM	0	50	612	135544
2/15/20 10:30 AM	0	51	612	135544
2/15/20 11:00 AM	0	51	612	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/15/20 11:30 AM	0	51	612	135544
2/15/20 12:00 PM	0	51	611	135544
2/15/20 12:30 PM	0	51	611	135544
2/15/20 1:00 PM	0	51	611	135544
2/15/20 1:30 PM	0	52	611	135544
2/15/20 2:00 PM	0	52	611	135544
2/15/20 2:30 PM	0	52	611	135544
2/15/20 3:00 PM	0	52	610	135544
2/15/20 3:30 PM	0	52	610	135544
2/15/20 4:00 PM	0	52	610	135544
2/15/20 4:30 PM	0	52	610	135544
2/15/20 5:00 PM	0	52	610	135544
2/15/20 5:30 PM	0	52	610	135544
2/15/20 6:00 PM	0	53	610	135544
2/15/20 6:30 PM	0	53	610	135544
2/15/20 7:00 PM	0	53	610	135544
2/15/20 7:30 PM	0	53	610	135544
2/15/20 8:00 PM	0	53	610	135544
2/15/20 8:30 PM	0	53	610	135544
2/15/20 9:00 PM	0	53	610	135544
2/15/20 9:30 PM	0	53	609	135544
2/15/20 10:00 PM	0	53	609	135544
2/15/20 10:30 PM	0	53	609	135544
2/15/20 11:00 PM	0	53	609	135544
2/15/20 11:30 PM	0	53	609	135544
2/16/20 12:00 AM	0	53	609	135544
2/16/20 12:30 AM	0	52	609	135544
2/16/20 1:00 AM	0	52	609	135544
2/16/20 1:30 AM	0	52	609	135544
2/16/20 2:00 AM	0	52	609	135544
2/16/20 2:30 AM	0	52	609	135544
2/16/20 3:00 AM	0	52	608	135544
2/16/20 3:30 AM	0	52	608	135544
2/16/20 4:00 AM	0	51	608	135544
2/16/20 4:30 AM	0	51	608	135544
2/16/20 5:00 AM	0	51	608	135544
2/16/20 5:30 AM	0	51	608	135544
2/16/20 6:00 AM	0	51	608	135544
2/16/20 6:30 AM	0	51	608	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/16/20 7:00 AM	0	51	608	135544
2/16/20 7:30 AM	0	51	608	135544
2/16/20 8:00 AM	0	50	607	135544
2/16/20 8:30 AM	0	50	608	135544
2/16/20 9:00 AM	0	50	608	135544
2/16/20 9:30 AM	0	50	608	135544
2/16/20 10:00 AM	0	50	608	135544
2/16/20 10:30 AM	0	50	608	135544
2/16/20 11:00 AM	0	50	608	135544
2/16/20 11:30 AM	0	50	608	135544
2/16/20 12:00 PM	0	51	608	135544
2/16/20 12:30 PM	0	51	608	135544
2/16/20 1:00 PM	0	51	607	135544
2/16/20 1:30 PM	0	51	607	135544
2/16/20 2:00 PM	0	51	607	135544
2/16/20 2:30 PM	0	51	607	135544
2/16/20 3:00 PM	0	52	607	135544
2/16/20 3:30 PM	0	52	606	135544
2/16/20 4:00 PM	0	52	606	135544
2/16/20 4:30 PM	0	52	606	135544
2/16/20 5:00 PM	0	52	606	135544
2/16/20 5:30 PM	0	52	606	135544
2/16/20 6:00 PM	0	52	606	135544
2/16/20 6:30 PM	0	52	606	135544
2/16/20 7:00 PM	0	52	606	135544
2/16/20 7:30 PM	0	52	606	135544
2/16/20 8:00 PM	0	52	606	135544
2/16/20 8:30 PM	0	52	606	135544
2/16/20 9:00 PM	0	52	606	135544
2/16/20 9:30 PM	0	52	606	135544
2/16/20 10:00 PM	0	52	606	135544
2/16/20 10:30 PM	0	52	606	135544
2/16/20 11:00 PM	0	52	606	135544
2/16/20 11:30 PM	0	52	606	135544
2/17/20 12:00 AM	0	52	605	135544
2/17/20 12:30 AM	0	52	605	135544
2/17/20 1:00 AM	0	52	605	135544
2/17/20 1:30 AM	0	52	605	135544
2/17/20 2:00 AM	0	52	605	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/17/20 2:30 AM	0	52	605	135544
2/17/20 3:00 AM	0	52	605	135544
2/17/20 3:30 AM	0	52	605	135544
2/17/20 4:00 AM	0	52	605	135544
2/17/20 4:30 AM	0	51	605	135544
2/17/20 5:00 AM	0	51	605	135544
2/17/20 5:30 AM	0	51	605	135544
2/17/20 6:00 AM	0	51	605	135544
2/17/20 6:30 AM	0	51	605	135544
2/17/20 7:00 AM	0	51	605	135544
2/17/20 7:30 AM	0	51	604	135544
2/17/20 8:00 AM	0	51	604	135544
2/17/20 8:30 AM	0	50	605	135544
2/17/20 9:00 AM	0	50	605	135544
2/17/20 9:30 AM	0	50	605	135544
2/17/20 10:00 AM	0	51	605	135544
2/17/20 10:30 AM	0	51	604	135544
2/17/20 11:00 AM	0	51	604	135544
2/17/20 11:30 AM	0	51	604	135544
2/17/20 12:00 PM	0	51	604	135544
2/17/20 12:30 PM	0	51	604	135544
2/17/20 1:00 PM	0	51	604	135544
2/17/20 1:30 PM	0	51	604	135544
2/17/20 2:00 PM	0	52	604	135544
2/17/20 2:30 PM	0	52	603	135544
2/17/20 3:00 PM	0	52	603	135544
2/17/20 3:30 PM	0	52	603	135544
2/17/20 4:00 PM	0	52	603	135544
2/17/20 4:30 PM	0	52	603	135544
2/17/20 5:00 PM	0	52	603	135544
2/17/20 5:30 PM	0	52	603	135544
2/17/20 6:00 PM	0	52	603	135544
2/17/20 6:30 PM	0	52	603	135544
2/17/20 7:00 PM	0	52	603	135544
2/17/20 7:30 PM	0	52	603	135544
2/17/20 8:00 PM	0	52	603	135544
2/17/20 8:30 PM	0	52	603	135544
2/17/20 9:00 PM	0	52	602	135544
2/17/20 9:30 PM	0	52	602	135544

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/17/20 10:00 PM	0	52	602	135544
2/17/20 10:30 PM	0	52	602	135544
2/17/20 11:00 PM	0	52	602	135544
2/17/20 11:30 PM	0	52	602	135544
2/18/20 12:00 AM	0	52	602	135544
2/18/20 12:30 AM	0	51	602	135544
2/18/20 1:00 AM	0	51	602	135544
2/18/20 1:30 AM	0	51	602	135544
2/18/20 2:00 AM	0	51	602	135544
2/18/20 2:30 AM	0	51	602	135544
2/18/20 3:00 AM	0	50	602	135544
2/18/20 3:30 AM	0	50	602	135544
2/18/20 4:00 AM	0	50	602	135544
2/18/20 4:30 AM	0	50	601	135544
2/18/20 5:00 AM	0	50	601	135544
2/18/20 5:30 AM	0	49	601	135544
2/18/20 6:00 AM	0	49	601	135544
2/18/20 6:30 AM	0	49	601	135544
2/18/20 7:00 AM	0	49	601	135544
2/18/20 7:30 AM	0	48	601	135544
2/18/20 8:00 AM	0	48	601	135544
2/18/20 8:30 AM	34	5	893	135559
2/18/20 9:00 AM	33	< -6	982	135583
2/18/20 9:30 AM	34	< -6	1028	135606
2/18/20 10:00 AM	33	< -6	1060	135630
2/18/20 10:30 AM	31	< -6	1082	135653
2/18/20 11:00 AM	31	< -6	1101	135677
2/18/20 11:30 AM	30	< -6	1116	135700
2/18/20 12:00 PM	33	< -6	1129	135723
2/18/20 12:30 PM	33	< -6	1140	135746
2/18/20 1:00 PM	32	< -6	1149	135769
2/18/20 1:30 PM	33	< -6	1158	135792
2/18/20 2:00 PM	30	< -6	1165	135814
2/18/20 2:30 PM	32	< -6	1172	135837
2/18/20 3:00 PM	31	< -6	1179	135860
2/18/20 3:30 PM	33	< -6	1184	135882
2/18/20 4:00 PM	32	< -6	1189	135905
2/18/20 4:30 PM	31	< -6	1195	135927
2/18/20 5:00 PM	32	< -6	1198	135949

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/18/20 5:30 PM	31	< -6	1203	135971
2/18/20 6:00 PM	31	< -6	1203	135993
2/18/20 6:30 PM	29	< -6	1207	136015
2/18/20 7:00 PM	29	< -6	1212	136037
2/18/20 7:30 PM	30	< -6	1217	136059
2/18/20 8:00 PM	31	< -6	1221	136081
2/18/20 8:30 PM	32	< -6	1225	136103
2/18/20 9:00 PM	30	< -6	1228	136125
2/18/20 9:30 PM	29	< -6	1227	136147
2/18/20 10:00 PM	31	< -6	1230	136168
2/18/20 10:30 PM	30	< -6	1233	136190
2/18/20 11:00 PM	31	< -6	1236	136211
2/18/20 11:30 PM	31	< -6	1239	136233
2/19/20 12:00 AM	31	< -6	1242	136254
2/19/20 12:30 AM	31	< -6	1245	136276
2/19/20 1:00 AM	31	< -6	1248	136297
2/19/20 1:30 AM	31	< -6	1251	136319
2/19/20 2:00 AM	30	< -6	1254	136340
2/19/20 2:30 AM	30	< -6	1257	136362
2/19/20 3:00 AM	30	< -6	1260	136383
2/19/20 3:30 AM	28	< -6	1260	136405
2/19/20 4:00 AM	29	< -6	1261	136426
2/19/20 4:30 AM	28	< -6	1262	136446
2/19/20 5:00 AM	29	< -6	1265	136467
2/19/20 5:30 AM	30	< -6	1267	136488
2/19/20 6:00 AM	30	< -6	1270	136509
2/19/20 6:30 AM	30	< -6	1272	136530
2/19/20 7:00 AM	28	< -6	1274	136551
2/19/20 7:30 AM	30	< -6	1277	136572
2/19/20 8:00 AM	29	< -6	1280	136593
2/19/20 8:30 AM	30	< -6	1282	136614
2/19/20 9:00 AM	29	< -6	1284	136635
2/19/20 9:30 AM	28	< -6	1287	136656
2/19/20 10:00 AM	29	< -6	1289	136677
2/19/20 10:30 AM	28	< -6	1291	136697
2/19/20 11:00 AM	28	< -6	1293	136718
2/19/20 11:30 AM	28	< -6	1295	136739
2/19/20 12:00 PM	30	< -6	1297	136760
2/19/20 12:30 PM	29	< -6	1299	136781

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/19/20 1:00 PM	27	< -6	1301	136802
2/19/20 1:30 PM	30	< -6	1303	136822
2/19/20 2:00 PM	29	< -6	1305	136843
2/19/20 2:30 PM	29	< -6	1306	136864
2/19/20 3:00 PM	30	< -6	1308	136884
2/19/20 3:30 PM	28	< -6	1310	136905
2/19/20 4:00 PM	29	< -6	1312	136926
2/19/20 4:30 PM	28	< -6	1314	136946
2/19/20 5:00 PM	30	< -6	1316	136967
2/19/20 5:30 PM	30	< -6	1318	136988
2/19/20 6:00 PM	30	< -6	1320	137008
2/19/20 6:30 PM	28	< -6	1321	137029
2/19/20 7:00 PM	30	< -6	1323	137050
2/19/20 7:30 PM	30	< -6	1325	137070
2/19/20 8:00 PM	29	< -6	1327	137091
2/19/20 8:30 PM	26	< -6	1328	137111
2/19/20 9:00 PM	30	< -6	1329	137132
2/19/20 9:30 PM	27	< -6	1331	137152
2/19/20 10:00 PM	30	< -6	1332	137173
2/19/20 10:30 PM	27	< -6	1334	137193
2/19/20 11:00 PM	29	< -6	1336	137214
2/19/20 11:30 PM	28	< -6	1338	137235
2/20/20 12:00 AM	28	< -6	1339	137255
2/20/20 12:30 AM	29	< -6	1341	137276
2/20/20 1:00 AM	27	< -6	1343	137296
2/20/20 1:30 AM	27	< -6	1344	137317
2/20/20 2:00 AM	30	< -6	1346	137337
2/20/20 2:30 AM	30	< -6	1347	137358
2/20/20 3:00 AM	28	< -6	1349	137379
2/20/20 3:30 AM	30	< -6	1350	137399
2/20/20 4:00 AM	29	< -6	1351	137420
2/20/20 4:30 AM	29	< -6	1353	137440
2/20/20 5:00 AM	29	< -6	1355	137461
2/20/20 5:30 AM	30	< -6	1357	137481
2/20/20 6:00 AM	27	< -6	1358	137502
2/20/20 6:30 AM	28	< -6	1359	137522
2/20/20 7:00 AM	29	< -6	1361	137543
2/20/20 7:30 AM	29	< -6	1362	137563
2/20/20 8:00 AM	28	< -6	1363	137584

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/20/20 8:30 AM	29	< -6	1365	137604
2/20/20 9:00 AM	28	< -6	1366	137625
2/20/20 9:30 AM	29	< -6	1367	137645
2/20/20 10:00 AM	27	< -6	1368	137665
2/20/20 10:30 AM	27	< -6	1369	137686
2/20/20 11:00 AM	28	< -6	1370	137706
2/20/20 11:30 AM	29	< -6	1371	137727
2/20/20 12:00 PM	29	< -6	1372	137747
2/20/20 12:30 PM	29	< -6	1373	137767
2/20/20 1:00 PM	29	< -6	1374	137787
2/20/20 1:30 PM	29	< -6	1375	137808
2/20/20 2:00 PM	28	< -6	1377	137828
2/20/20 2:30 PM	29	< -6	1378	137848
2/20/20 3:00 PM	28	< -6	1378	137869
2/20/20 3:30 PM	0	< -6	1155	137872
2/20/20 4:00 PM	0	< -6	1099	137872
2/20/20 4:30 PM	0	< -6	1064	137872
2/20/20 5:00 PM	0	< -6	1037	137872
2/20/20 5:30 PM	0	< -6	1016	137872
2/20/20 6:00 PM	0	< -6	999	137872
2/20/20 6:30 PM	0	< -6	984	137872
2/20/20 7:00 PM	0	< -6	972	137872
2/20/20 7:30 PM	0	< -6	960	137872
2/20/20 8:00 PM	0	< -6	950	137872
2/20/20 8:30 PM	0	< -6	941	137872
2/20/20 9:00 PM	0	< -6	933	137872
2/20/20 9:30 PM	0	< -6	925	137872
2/20/20 10:00 PM	0	< -6	918	137872
2/20/20 10:30 PM	0	< -6	911	137872
2/20/20 11:00 PM	0	< -6	905	137872
2/20/20 11:30 PM	0	< -6	899	137872
2/21/20 12:00 AM	0	< -6	893	137872
2/21/20 12:30 AM	0	< -6	888	137872
2/21/20 1:00 AM	0	< -6	883	137872
2/21/20 1:30 AM	0	< -6	879	137872
2/21/20 2:00 AM	0	< -6	874	137872
2/21/20 2:30 AM	0	< -6	870	137872
2/21/20 3:00 AM	0	< -6	866	137872
2/21/20 3:30 AM	0	< -6	862	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/21/20 4:00 AM	0	< -6	859	137872
2/21/20 4:30 AM	0	< -6	855	137872
2/21/20 5:00 AM	0	< -6	852	137872
2/21/20 5:30 AM	0	< -6	848	137872
2/21/20 6:00 AM	0	< -6	845	137872
2/21/20 6:30 AM	0	< -6	842	137872
2/21/20 7:00 AM	0	< -6	839	137872
2/21/20 7:30 AM	0	< -6	836	137872
2/21/20 8:00 AM	0	< -6	833	137872
2/21/20 8:30 AM	0	< -6	831	137872
2/21/20 9:00 AM	0	< -6	828	137872
2/21/20 9:30 AM	0	< -6	826	137872
2/21/20 10:00 AM	0	< -6	823	137872
2/21/20 10:30 AM	0	< -6	821	137872
2/21/20 11:00 AM	0	< -6	818	137872
2/21/20 11:30 AM	0	< -6	816	137872
2/21/20 12:00 PM	0	< -6	814	137872
2/21/20 12:30 PM	0	< -6	811	137872
2/21/20 1:00 PM	0	< -6	809	137872
2/21/20 1:30 PM	0	< -6	807	137872
2/21/20 2:00 PM	0	< -6	805	137872
2/21/20 2:30 PM	0	< -6	803	137872
2/21/20 3:00 PM	0	< -6	801	137872
2/21/20 3:30 PM	0	< -6	799	137872
2/21/20 4:00 PM	0	< -6	798	137872
2/21/20 4:30 PM	0	< -6	796	137872
2/21/20 5:00 PM	0	< -6	794	137872
2/21/20 5:30 PM	0	< -6	792	137872
2/21/20 6:00 PM	0	< -6	791	137872
2/21/20 6:30 PM	0	< -6	789	137872
2/21/20 7:00 PM	0	< -6	787	137872
2/21/20 7:30 PM	0	< -6	786	137872
2/21/20 8:00 PM	0	-5	785	137872
2/21/20 8:30 PM	0	-5	783	137872
2/21/20 9:00 PM	0	-5	782	137872
2/21/20 9:30 PM	0	-5	780	137872
2/21/20 10:00 PM	0	-5	779	137872
2/21/20 10:30 PM	0	-5	778	137872
2/21/20 11:00 PM	0	-5	776	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/21/20 11:30 PM	0	-5	775	137872
2/22/20 12:00 AM	0	-5	774	137872
2/22/20 12:30 AM	0	-5	772	137872
2/22/20 1:00 AM	0	-5	771	137872
2/22/20 1:30 AM	0	-4	770	137872
2/22/20 2:00 AM	0	-4	769	137872
2/22/20 2:30 AM	0	-4	767	137872
2/22/20 3:00 AM	0	-4	766	137872
2/22/20 3:30 AM	0	-4	765	137872
2/22/20 4:00 AM	0	-4	764	137872
2/22/20 4:30 AM	0	-4	763	137872
2/22/20 5:00 AM	0	-4	762	137872
2/22/20 5:30 AM	0	-4	761	137872
2/22/20 6:00 AM	0	-4	760	137872
2/22/20 6:30 AM	0	-4	759	137872
2/22/20 7:00 AM	0	-4	758	137872
2/22/20 7:30 AM	0	-3	757	137872
2/22/20 8:00 AM	0	-3	756	137872
2/22/20 8:30 AM	0	-3	755	137872
2/22/20 9:00 AM	0	-3	754	137872
2/22/20 9:30 AM	0	-3	753	137872
2/22/20 10:00 AM	0	-3	752	137872
2/22/20 10:30 AM	0	-3	751	137872
2/22/20 11:00 AM	0	-3	750	137872
2/22/20 11:30 AM	0	-3	749	137872
2/22/20 12:00 PM	0	-3	748	137872
2/22/20 12:30 PM	0	-3	747	137872
2/22/20 1:00 PM	0	-3	747	137872
2/22/20 1:30 PM	0	-2	746	137872
2/22/20 2:00 PM	0	-2	745	137872
2/22/20 2:30 PM	0	-2	744	137872
2/22/20 3:00 PM	0	-2	743	137872
2/22/20 3:30 PM	0	-2	742	137872
2/22/20 4:00 PM	0	-2	741	137872
2/22/20 4:30 PM	0	-2	741	137872
2/22/20 5:00 PM	0	-2	740	137872
2/22/20 5:30 PM	0	-2	739	137872
2/22/20 6:00 PM	0	-2	738	137872
2/22/20 6:30 PM	0	-2	738	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/22/20 7:00 PM	0	-2	737	137872
2/22/20 7:30 PM	0	-1	736	137872
2/22/20 8:00 PM	0	-1	735	137872
2/22/20 8:30 PM	0	-1	735	137872
2/22/20 9:00 PM	0	-1	734	137872
2/22/20 9:30 PM	0	-1	733	137872
2/22/20 10:00 PM	0	-1	733	137872
2/22/20 10:30 PM	0	-1	732	137872
2/22/20 11:00 PM	0	-1	731	137872
2/22/20 11:30 PM	0	-1	731	137872
2/23/20 12:00 AM	0	-1	730	137872
2/23/20 12:30 AM	0	-1	729	137872
2/23/20 1:00 AM	0	0	728	137872
2/23/20 1:30 AM	0	0	728	137872
2/23/20 2:00 AM	0	0	727	137872
2/23/20 2:30 AM	0	0	726	137872
2/23/20 3:00 AM	0	0	726	137872
2/23/20 3:30 AM	0	0	725	137872
2/23/20 4:00 AM	0	0	725	137872
2/23/20 4:30 AM	0	0	724	137872
2/23/20 5:00 AM	0	0	723	137872
2/23/20 5:30 AM	0	0	723	137872
2/23/20 6:00 AM	0	0	723	137872
2/23/20 6:30 AM	0	0	722	137872
2/23/20 7:00 AM	0	0	722	137872
2/23/20 7:30 AM	0	1	721	137872
2/23/20 8:00 AM	0	1	720	137872
2/23/20 8:30 AM	0	1	720	137872
2/23/20 9:00 AM	0	1	719	137872
2/23/20 9:30 AM	0	1	718	137872
2/23/20 10:00 AM	0	1	718	137872
2/23/20 10:30 AM	0	1	718	137872
2/23/20 11:00 AM	0	1	717	137872
2/23/20 11:30 AM	0	1	717	137872
2/23/20 12:00 PM	0	1	716	137872
2/23/20 12:30 PM	0	1	715	137872
2/23/20 1:00 PM	0	2	715	137872
2/23/20 1:30 PM	0	2	714	137872
2/23/20 2:00 PM	0	2	713	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/23/20 2:30 PM	0	2	713	137872
2/23/20 3:00 PM	0	2	713	137872
2/23/20 3:30 PM	0	2	712	137872
2/23/20 4:00 PM	0	2	712	137872
2/23/20 4:30 PM	0	2	711	137872
2/23/20 5:00 PM	0	2	711	137872
2/23/20 5:30 PM	0	2	710	137872
2/23/20 6:00 PM	0	2	710	137872
2/23/20 6:30 PM	0	2	709	137872
2/23/20 7:00 PM	0	3	709	137872
2/23/20 7:30 PM	0	3	708	137872
2/23/20 8:00 PM	0	3	708	137872
2/23/20 8:30 PM	0	3	707	137872
2/23/20 9:00 PM	0	3	707	137872
2/23/20 9:30 PM	0	3	706	137872
2/23/20 10:00 PM	0	3	706	137872
2/23/20 10:30 PM	0	3	706	137872
2/23/20 11:00 PM	0	3	705	137872
2/23/20 11:30 PM	0	3	705	137872
2/24/20 12:00 AM	0	3	704	137872
2/24/20 12:30 AM	0	4	704	137872
2/24/20 1:00 AM	0	4	703	137872
2/24/20 1:30 AM	0	4	703	137872
2/24/20 2:00 AM	0	4	702	137872
2/24/20 2:30 AM	0	4	702	137872
2/24/20 3:00 AM	0	4	702	137872
2/24/20 3:30 AM	0	4	701	137872
2/24/20 4:00 AM	0	4	701	137872
2/24/20 4:30 AM	0	4	700	137872
2/24/20 5:00 AM	0	4	700	137872
2/24/20 5:30 AM	0	4	699	137872
2/24/20 6:00 AM	0	4	699	137872
2/24/20 6:30 AM	0	4	698	137872
2/24/20 7:00 AM	0	4	698	137872
2/24/20 7:30 AM	0	5	698	137872
2/24/20 8:00 AM	0	5	697	137872
2/24/20 8:30 AM	0	5	698	137872
2/24/20 9:00 AM	0	5	698	137872
2/24/20 9:30 AM	0	5	697	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/24/20 10:00 AM	0	5	697	137872
2/24/20 10:30 AM	0	5	696	137872
2/24/20 11:00 AM	0	5	696	137872
2/24/20 11:30 AM	0	5	695	137872
2/24/20 12:00 PM	0	5	695	137872
2/24/20 12:30 PM	0	6	694	137872
2/24/20 1:00 PM	0	6	694	137872
2/24/20 1:30 PM	0	6	693	137872
2/24/20 2:00 PM	0	6	693	137872
2/24/20 2:30 PM	0	6	693	137872
2/24/20 3:00 PM	0	6	693	137872
2/24/20 3:30 PM	0	6	692	137872
2/24/20 4:00 PM	0	6	692	137872
2/24/20 4:30 PM	0	6	692	137872
2/24/20 5:00 PM	0	6	691	137872
2/24/20 5:30 PM	0	7	691	137872
2/24/20 6:00 PM	0	7	691	137872
2/24/20 6:30 PM	0	7	690	137872
2/24/20 7:00 PM	0	7	690	137872
2/24/20 7:30 PM	0	7	689	137872
2/24/20 8:00 PM	0	7	689	137872
2/24/20 8:30 PM	0	7	689	137872
2/24/20 9:00 PM	0	7	689	137872
2/24/20 9:30 PM	0	7	688	137872
2/24/20 10:00 PM	0	7	688	137872
2/24/20 10:30 PM	0	7	687	137872
2/24/20 11:00 PM	0	7	687	137872
2/24/20 11:30 PM	0	7	687	137872
2/25/20 12:00 AM	0	8	686	137872
2/25/20 12:30 AM	0	8	686	137872
2/25/20 1:00 AM	0	8	686	137872
2/25/20 1:30 AM	0	8	686	137872
2/25/20 2:00 AM	0	8	685	137872
2/25/20 2:30 AM	0	8	685	137872
2/25/20 3:00 AM	0	8	684	137872
2/25/20 3:30 AM	0	8	684	137872
2/25/20 4:00 AM	0	8	684	137872
2/25/20 4:30 AM	0	8	683	137872
2/25/20 5:00 AM	0	8	683	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/25/20 5:30 AM	0	8	683	137872
2/25/20 6:00 AM	0	9	683	137872
2/25/20 6:30 AM	0	9	682	137872
2/25/20 7:00 AM	0	9	682	137872
2/25/20 7:30 AM	0	9	681	137872
2/25/20 8:00 AM	0	9	681	137872
2/25/20 8:30 AM	0	9	682	137872
2/25/20 9:00 AM	0	9	682	137872
2/25/20 9:30 AM	0	9	682	137872
2/25/20 10:00 AM	0	9	681	137872
2/25/20 10:30 AM	0	9	681	137872
2/25/20 11:00 AM	0	9	680	137872
2/25/20 11:30 AM	0	9	680	137872
2/25/20 12:00 PM	0	10	680	137872
2/25/20 12:30 PM	0	10	679	137872
2/25/20 1:00 PM	0	10	679	137872
2/25/20 1:30 PM	0	10	678	137872
2/25/20 2:00 PM	0	10	678	137872
2/25/20 2:30 PM	0	10	678	137872
2/25/20 3:00 PM	0	10	678	137872
2/25/20 3:30 PM	0	10	678	137872
2/25/20 4:00 PM	0	10	677	137872
2/25/20 4:30 PM	0	11	677	137872
2/25/20 5:00 PM	0	11	677	137872
2/25/20 5:30 PM	0	11	676	137872
2/25/20 6:00 PM	0	11	676	137872
2/25/20 6:30 PM	0	11	676	137872
2/25/20 7:00 PM	0	11	676	137872
2/25/20 7:30 PM	0	11	675	137872
2/25/20 8:00 PM	0	11	675	137872
2/25/20 8:30 PM	0	11	675	137872
2/25/20 9:00 PM	0	11	675	137872
2/25/20 9:30 PM	0	11	674	137872
2/25/20 10:00 PM	0	11	674	137872
2/25/20 10:30 PM	0	11	674	137872
2/25/20 11:00 PM	0	12	673	137872
2/25/20 11:30 PM	0	12	673	137872
2/26/20 12:00 AM	0	12	673	137872
2/26/20 12:30 AM	0	12	673	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/26/20 1:00 AM	0	12	672	137872
2/26/20 1:30 AM	0	12	672	137872
2/26/20 2:00 AM	0	12	672	137872
2/26/20 2:30 AM	0	12	671	137872
2/26/20 3:00 AM	0	12	671	137872
2/26/20 3:30 AM	0	12	671	137872
2/26/20 4:00 AM	0	12	670	137872
2/26/20 4:30 AM	0	12	670	137872
2/26/20 5:00 AM	0	12	670	137872
2/26/20 5:30 AM	0	12	670	137872
2/26/20 6:00 AM	0	13	669	137872
2/26/20 6:30 AM	0	13	669	137872
2/26/20 7:00 AM	0	13	669	137872
2/26/20 7:30 AM	0	13	669	137872
2/26/20 8:00 AM	0	13	669	137872
2/26/20 8:30 AM	0	13	671	137872
2/26/20 9:00 AM	0	13	670	137872
2/26/20 9:30 AM	0	13	670	137872
2/26/20 10:00 AM	0	13	669	137872
2/26/20 10:30 AM	0	13	669	137872
2/26/20 11:00 AM	0	13	669	137872
2/26/20 11:30 AM	0	13	668	137872
2/26/20 12:00 PM	0	14	668	137872
2/26/20 12:30 PM	0	14	667	137872
2/26/20 1:00 PM	0	14	667	137872
2/26/20 1:30 PM	0	14	667	137872
2/26/20 2:00 PM	0	14	667	137872
2/26/20 2:30 PM	0	14	666	137872
2/26/20 3:00 PM	0	14	666	137872
2/26/20 3:30 PM	0	15	666	137872
2/26/20 4:00 PM	0	15	666	137872
2/26/20 4:30 PM	0	15	666	137872
2/26/20 5:00 PM	0	15	665	137872
2/26/20 5:30 PM	0	15	665	137872
2/26/20 6:00 PM	0	15	665	137872
2/26/20 6:30 PM	0	15	665	137872
2/26/20 7:00 PM	0	15	664	137872
2/26/20 7:30 PM	0	15	664	137872
2/26/20 8:00 PM	0	15	664	137872

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/26/20 8:30 PM	0	16	664	137872
2/26/20 9:00 PM	0	16	664	137872
2/26/20 9:30 PM	0	16	664	137872
2/26/20 10:00 PM	0	16	663	137872
2/26/20 10:30 PM	0	16	663	137872
2/26/20 11:00 PM	0	16	663	137872
2/26/20 11:30 PM	0	16	663	137872
2/27/20 12:00 AM	0	16	662	137872
2/27/20 12:30 AM	0	16	662	137872
2/27/20 1:00 AM	0	16	662	137872
2/27/20 1:30 AM	0	16	662	137872
2/27/20 2:00 AM	0	16	661	137872
2/27/20 2:30 AM	0	16	661	137872
2/27/20 3:00 AM	0	16	661	137872
2/27/20 3:30 AM	0	17	661	137872
2/27/20 4:00 AM	0	17	660	137872
2/27/20 4:30 AM	0	17	660	137872
2/27/20 5:00 AM	0	17	660	137872
2/27/20 5:30 AM	0	17	660	137872
2/27/20 6:00 AM	0	17	659	137872
2/27/20 6:30 AM	0	17	660	137872
2/27/20 7:00 AM	0	17	659	137872
2/27/20 7:30 AM	0	17	659	137872
2/27/20 8:00 AM	0	17	659	137872
2/27/20 8:30 AM	0	17	660	137872
2/27/20 9:00 AM	0	17	660	137872
2/27/20 9:30 AM	0	17	660	137872
2/27/20 10:00 AM	0	18	659	137872
2/27/20 10:30 AM	0	18	659	137872
2/27/20 11:00 AM	0	18	659	137872
2/27/20 11:30 AM	0	18	658	137872
2/27/20 12:00 PM	0	18	658	137872
2/27/20 12:30 PM	0	18	658	137872
2/27/20 1:00 PM	0	18	657	137872
2/27/20 1:30 PM	0	18	657	137872
2/27/20 2:00 PM	0	19	657	137872
2/27/20 2:30 PM	33	19	830	137875
2/27/20 3:00 PM	0	3	701	137881
2/27/20 3:30 PM	0	4	681	137881

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/27/20 4:00 PM	0	5	673	137881
2/27/20 4:30 PM	0	6	669	137881
2/27/20 5:00 PM	34	-5	987	137904
2/27/20 5:30 PM	32	<-6	1042	137926
2/27/20 6:00 PM	32	<-6	1076	137949
2/27/20 6:30 PM	29	<-6	1101	137971
2/27/20 7:00 PM	31	<-6	1120	137993
2/27/20 7:30 PM	31	<-6	1134	138014
2/27/20 8:00 PM	28	<-6	1146	138036
2/27/20 8:30 PM	31	<-6	1156	138058
2/27/20 9:00 PM	30	<-6	1165	138079
2/27/20 9:30 PM	31	<-6	1174	138100
2/27/20 10:00 PM	31	<-6	1181	138122
2/27/20 10:30 PM	31	<-6	1189	138143
2/27/20 11:00 PM	28	<-6	1196	138165
2/27/20 11:30 PM	30	<-6	1202	138186
2/28/20 12:00 AM	28	<-6	1208	138207
2/28/20 12:30 AM	28	<-6	1213	138228
2/28/20 1:00 AM	30	<-6	1218	138250
2/28/20 1:30 AM	29	<-6	1222	138271
2/28/20 2:00 AM	30	<-6	1227	138292
2/28/20 2:30 AM	31	<-6	1231	138313
2/28/20 3:00 AM	31	<-6	1235	138335
2/28/20 3:30 AM	28	<-6	1239	138356
2/28/20 4:00 AM	30	<-6	1243	138377
2/28/20 4:30 AM	30	<-6	1246	138398
2/28/20 5:00 AM	30	<-6	1250	138419
2/28/20 5:30 AM	30	<-6	1253	138440
2/28/20 6:00 AM	30	<-6	1257	138461
2/28/20 6:30 AM	28	<-6	1260	138482
2/28/20 7:00 AM	28	<-6	1263	138503
2/28/20 7:30 AM	29	<-6	1266	138524
2/28/20 8:00 AM	28	<-6	1269	138545
2/28/20 8:30 AM	30	<-6	1273	138566
2/28/20 9:00 AM	27	<-6	1277	138586
2/28/20 9:30 AM	29	<-6	1279	138607
2/28/20 10:00 AM	28	<-6	1282	138628
2/28/20 10:30 AM	30	<-6	1284	138649
2/28/20 11:00 AM	30	<-6	1287	138670

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/28/20 11:30 AM	30	<-6	1290	138690
2/28/20 12:00 PM	29	<-6	1292	138711
2/28/20 12:30 PM	29	<-6	1294	138732
2/28/20 1:00 PM	30	<-6	1297	138752
2/28/20 1:30 PM	30	<-6	1299	138773
2/28/20 2:00 PM	28	<-6	1301	138794
2/28/20 2:30 PM	29	<-6	1303	138814
2/28/20 3:00 PM	27	<-6	1305	138835
2/28/20 3:30 PM	27	<-6	1308	138855
2/28/20 4:00 PM	27	<-6	1310	138876
2/28/20 4:30 PM	29	<-6	1312	138897
2/28/20 5:00 PM	28	<-6	1314	138917
2/28/20 5:30 PM	29	<-6	1317	138937
2/28/20 6:00 PM	29	<-6	1319	138958
2/28/20 6:30 PM	30	<-6	1321	138978
2/28/20 7:00 PM	30	<-6	1323	138999
2/28/20 7:30 PM	29	<-6	1325	139019
2/28/20 8:00 PM	28	<-6	1327	139040
2/28/20 8:30 PM	26	<-6	1329	139060
2/28/20 9:00 PM	29	<-6	1331	139081
2/28/20 9:30 PM	29	<-6	1333	139101
2/28/20 10:00 PM	29	<-6	1335	139121
2/28/20 10:30 PM	28	<-6	1337	139142
2/28/20 11:00 PM	29	<-6	1339	139162
2/28/20 11:30 PM	29	<-6	1340	139182
2/29/20 12:00 AM	29	<-6	1342	139202
2/29/20 12:30 AM	28	<-6	1344	139223
2/29/20 1:00 AM	27	<-6	1346	139243
2/29/20 1:30 AM	27	<-6	1347	139263
2/29/20 2:00 AM	26	<-6	1349	139283
2/29/20 2:30 AM	29	<-6	1350	139304
2/29/20 3:00 AM	29	<-6	1352	139324
2/29/20 3:30 AM	29	<-6	1354	139344
2/29/20 4:00 AM	28	<-6	1355	139364
2/29/20 4:30 AM	29	<-6	1357	139384
2/29/20 5:00 AM	28	<-6	1358	139404
2/29/20 5:30 AM	28	<-6	1359	139425
2/29/20 6:00 AM	29	<-6	1361	139445
2/29/20 6:30 AM	29	<-6	1363	139465

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/29/20 7:00 AM	27	<-6	1364	139485
2/29/20 7:30 AM	28	<-6	1366	139505
2/29/20 8:00 AM	27	<-6	1368	139525
2/29/20 8:30 AM	29	<-6	1370	139545
2/29/20 9:00 AM	28	<-6	1371	139565
2/29/20 9:30 AM	28	<-6	1373	139586
2/29/20 10:00 AM	29	<-6	1374	139606
2/29/20 10:30 AM	28	<-6	1376	139626
2/29/20 11:00 AM	0	<-6	1155	139630
2/29/20 11:30 AM	0	<-6	1097	139630
2/29/20 12:00 PM	0	<-6	1062	139630
2/29/20 12:30 PM	0	<-6	1035	139630
2/29/20 1:00 PM	0	<-6	1014	139630
2/29/20 1:30 PM	0	<-6	997	139630
2/29/20 2:00 PM	0	<-6	982	139630
2/29/20 2:30 PM	0	<-6	970	139630
2/29/20 3:00 PM	0	<-6	959	139630
2/29/20 3:30 PM	0	<-6	949	139630
2/29/20 4:00 PM	0	<-6	940	139630
2/29/20 4:30 PM	0	<-6	932	139630
2/29/20 5:00 PM	0	<-6	924	139630
2/29/20 5:30 PM	0	<-6	917	139630
2/29/20 6:00 PM	0	<-6	911	139630
2/29/20 6:30 PM	0	<-6	905	139630
2/29/20 7:00 PM	0	<-6	899	139630
2/29/20 7:30 PM	0	<-6	894	139630
2/29/20 8:00 PM	0	<-6	889	139630
2/29/20 8:30 PM	0	<-6	884	139630
2/29/20 9:00 PM	0	<-6	880	139630
2/29/20 9:30 PM	0	<-6	876	139630
2/29/20 10:00 PM	0	<-6	872	139630
2/29/20 10:30 PM	0	<-6	868	139630
2/29/20 11:00 PM	0	<-6	864	139630
2/29/20 11:30 PM	0	<-6	861	139630
3/1/20 12:00 AM	0	<-6	857	139630
3/1/20 12:30 AM	0	<-6	854	139630
3/1/20 1:00 AM	0	<-6	851	139630
3/1/20 1:30 AM	0	<-6	848	139630
3/1/20 2:00 AM	0	<-6	845	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/1/20 2:30 AM	0	<-6	842	139630
3/1/20 3:00 AM	0	<-6	839	139630
3/1/20 3:30 AM	0	<-6	837	139630
3/1/20 4:00 AM	0	<-6	834	139630
3/1/20 4:30 AM	0	<-6	832	139630
3/1/20 5:00 AM	0	<-6	830	139630
3/1/20 5:30 AM	0	<-6	827	139630
3/1/20 6:00 AM	0	<-6	825	139630
3/1/20 6:30 AM	0	<-6	823	139630
3/1/20 7:00 AM	0	<-6	821	139630
3/1/20 7:30 AM	0	<-6	819	139630
3/1/20 8:00 AM	0	<-6	817	139630
3/1/20 8:30 AM	0	<-6	815	139630
3/1/20 9:00 AM	0	<-6	813	139630
3/1/20 9:30 AM	0	<-6	812	139630
3/1/20 10:00 AM	0	<-6	810	139630
3/1/20 10:30 AM	0	<-6	808	139630
3/1/20 11:00 AM	0	<-6	806	139630
3/1/20 11:30 AM	0	<-6	804	139630
3/1/20 12:00 PM	0	-5	803	139630
3/1/20 12:30 PM	0	-5	801	139630
3/1/20 1:00 PM	0	-5	799	139630
3/1/20 1:30 PM	0	-5	798	139630
3/1/20 2:00 PM	0	-5	796	139630
3/1/20 2:30 PM	0	-5	795	139630
3/1/20 3:00 PM	0	-5	793	139630
3/1/20 3:30 PM	0	-5	792	139630
3/1/20 4:00 PM	0	-5	790	139630
3/1/20 4:30 PM	0	-5	789	139630
3/1/20 5:00 PM	0	-5	787	139630
3/1/20 5:30 PM	0	-4	786	139630
3/1/20 6:00 PM	0	-4	785	139630
3/1/20 6:30 PM	0	-4	784	139630
3/1/20 7:00 PM	0	-4	783	139630
3/1/20 7:30 PM	0	-4	781	139630
3/1/20 8:00 PM	0	-4	780	139630
3/1/20 8:30 PM	0	-4	779	139630
3/1/20 9:00 PM	0	-4	778	139630
3/1/20 9:30 PM	0	-4	777	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/1/20 10:00 PM	0	-4	776	139630
3/1/20 10:30 PM	0	-4	775	139630
3/1/20 11:00 PM	0	-4	774	139630
3/1/20 11:30 PM	0	-3	773	139630
3/2/20 12:00 AM	0	-3	772	139630
3/2/20 12:30 AM	0	-3	771	139630
3/2/20 1:00 AM	0	-3	770	139630
3/2/20 1:30 AM	0	-3	769	139630
3/2/20 2:00 AM	0	-3	768	139630
3/2/20 2:30 AM	0	-3	767	139630
3/2/20 3:00 AM	0	-3	766	139630
3/2/20 3:30 AM	0	-3	765	139630
3/2/20 4:00 AM	0	-3	764	139630
3/2/20 4:30 AM	0	-3	763	139630
3/2/20 5:00 AM	0	-3	762	139630
3/2/20 5:30 AM	0	-2	761	139630
3/2/20 6:00 AM	0	-2	760	139630
3/2/20 6:30 AM	0	-2	759	139630
3/2/20 7:00 AM	0	-2	758	139630
3/2/20 7:30 AM	0	-2	758	139630
3/2/20 8:00 AM	0	-2	757	139630
3/2/20 8:30 AM	0	-2	757	139630
3/2/20 9:00 AM	0	-2	756	139630
3/2/20 9:30 AM	0	-2	755	139630
3/2/20 10:00 AM	0	-2	754	139630
3/2/20 10:30 AM	0	-2	754	139630
3/2/20 11:00 AM	0	-2	753	139630
3/2/20 11:30 AM	0	-1	752	139630
3/2/20 12:00 PM	0	-1	751	139630
3/2/20 12:30 PM	0	-1	750	139630
3/2/20 1:00 PM	0	-1	749	139630
3/2/20 1:30 PM	0	-1	749	139630
3/2/20 2:00 PM	0	-1	748	139630
3/2/20 2:30 PM	0	-1	747	139630
3/2/20 3:00 PM	0	-1	747	139630
3/2/20 3:30 PM	0	-1	746	139630
3/2/20 4:00 PM	0	-1	745	139630
3/2/20 4:30 PM	0	0	744	139630
3/2/20 5:00 PM	0	0	744	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/2/20 5:30 PM	0	0	743	139630
3/2/20 6:00 PM	0	0	743	139630
3/2/20 6:30 PM	0	0	742	139630
3/2/20 7:00 PM	0	0	741	139630
3/2/20 7:30 PM	0	0	741	139630
3/2/20 8:00 PM	0	0	740	139630
3/2/20 8:30 PM	0	0	740	139630
3/2/20 9:00 PM	0	0	739	139630
3/2/20 9:30 PM	0	0	739	139630
3/2/20 10:00 PM	0	0	738	139630
3/2/20 10:30 PM	0	1	737	139630
3/2/20 11:00 PM	0	1	737	139630
3/2/20 11:30 PM	0	1	736	139630
3/3/20 12:00 AM	0	1	735	139630
3/3/20 12:30 AM	0	1	735	139630
3/3/20 1:00 AM	0	1	734	139630
3/3/20 1:30 AM	0	1	734	139630
3/3/20 2:00 AM	0	1	733	139630
3/3/20 2:30 AM	0	1	733	139630
3/3/20 3:00 AM	0	1	732	139630
3/3/20 3:30 AM	0	1	731	139630
3/3/20 4:00 AM	0	1	731	139630
3/3/20 4:30 AM	0	1	730	139630
3/3/20 5:00 AM	0	1	730	139630
3/3/20 5:30 AM	0	1	729	139630
3/3/20 6:00 AM	0	2	729	139630
3/3/20 6:30 AM	0	2	728	139630
3/3/20 7:00 AM	0	2	728	139630
3/3/20 7:30 AM	0	2	728	139630
3/3/20 8:00 AM	0	2	728	139630
3/3/20 8:30 AM	0	2	728	139630
3/3/20 9:00 AM	0	2	727	139630
3/3/20 9:30 AM	0	2	726	139630
3/3/20 10:00 AM	0	2	726	139630
3/3/20 10:30 AM	0	2	725	139630
3/3/20 11:00 AM	0	2	725	139630
3/3/20 11:30 AM	0	2	724	139630
3/3/20 12:00 PM	0	3	723	139630
3/3/20 12:30 PM	0	3	723	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/3/20 1:00 PM	0	3	722	139630
3/3/20 1:30 PM	0	3	722	139630
3/3/20 2:00 PM	0	3	722	139630
3/3/20 2:30 PM	0	3	721	139630
3/3/20 3:00 PM	0	3	721	139630
3/3/20 3:30 PM	0	3	720	139630
3/3/20 4:00 PM	0	3	720	139630
3/3/20 4:30 PM	0	3	719	139630
3/3/20 5:00 PM	0	4	719	139630
3/3/20 5:30 PM	0	4	718	139630
3/3/20 6:00 PM	0	4	718	139630
3/3/20 6:30 PM	0	4	717	139630
3/3/20 7:00 PM	0	4	717	139630
3/3/20 7:30 PM	0	4	717	139630
3/3/20 8:00 PM	0	4	716	139630
3/3/20 8:30 PM	0	4	716	139630
3/3/20 9:00 PM	0	4	716	139630
3/3/20 9:30 PM	0	4	715	139630
3/3/20 10:00 PM	0	4	715	139630
3/3/20 10:30 PM	0	4	714	139630
3/3/20 11:00 PM	0	5	714	139630
3/3/20 11:30 PM	0	5	714	139630
3/4/20 12:00 AM	0	5	713	139630
3/4/20 12:30 AM	0	5	713	139630
3/4/20 1:00 AM	0	5	713	139630
3/4/20 1:30 AM	0	5	712	139630
3/4/20 2:00 AM	0	5	712	139630
3/4/20 2:30 AM	0	5	711	139630
3/4/20 3:00 AM	0	5	711	139630
3/4/20 3:30 AM	0	5	711	139630
3/4/20 4:00 AM	0	5	710	139630
3/4/20 4:30 AM	0	5	710	139630
3/4/20 5:00 AM	0	5	709	139630
3/4/20 5:30 AM	0	5	709	139630
3/4/20 6:00 AM	0	5	709	139630
3/4/20 6:30 AM	0	6	708	139630
3/4/20 7:00 AM	0	6	708	139630
3/4/20 7:30 AM	0	6	707	139630
3/4/20 8:00 AM	0	6	708	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/4/20 8:30 AM	0	6	708	139630
3/4/20 9:00 AM	0	6	708	139630
3/4/20 9:30 AM	0	6	707	139630
3/4/20 10:00 AM	0	6	707	139630
3/4/20 10:30 AM	0	6	706	139630
3/4/20 11:00 AM	0	6	706	139630
3/4/20 11:30 AM	0	6	705	139630
3/4/20 12:00 PM	0	6	705	139630
3/4/20 12:30 PM	0	7	705	139630
3/4/20 1:00 PM	0	7	704	139630
3/4/20 1:30 PM	0	7	704	139630
3/4/20 2:00 PM	0	7	703	139630
3/4/20 2:30 PM	0	7	703	139630
3/4/20 3:00 PM	0	7	703	139630
3/4/20 3:30 PM	0	7	702	139630
3/4/20 4:00 PM	0	7	702	139630
3/4/20 4:30 PM	0	7	702	139630
3/4/20 5:00 PM	0	8	701	139630
3/4/20 5:30 PM	0	8	701	139630
3/4/20 6:00 PM	0	8	701	139630
3/4/20 6:30 PM	0	8	700	139630
3/4/20 7:00 PM	0	8	700	139630
3/4/20 7:30 PM	0	8	700	139630
3/4/20 8:00 PM	0	8	699	139630
3/4/20 8:30 PM	0	8	699	139630
3/4/20 9:00 PM	0	8	699	139630
3/4/20 9:30 PM	0	8	699	139630
3/4/20 10:00 PM	0	8	698	139630
3/4/20 10:30 PM	0	8	698	139630
3/4/20 11:00 PM	0	9	698	139630
3/4/20 11:30 PM	0	9	698	139630
3/5/20 12:00 AM	0	9	697	139630
3/5/20 12:30 AM	0	9	697	139630
3/5/20 1:00 AM	0	9	697	139630
3/5/20 1:30 AM	0	9	696	139630
3/5/20 2:00 AM	0	9	696	139630
3/5/20 2:30 AM	0	9	696	139630
3/5/20 3:00 AM	0	9	695	139630
3/5/20 3:30 AM	0	9	695	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/5/20 4:00 AM	0	9	695	139630
3/5/20 4:30 AM	0	9	695	139630
3/5/20 5:00 AM	0	9	694	139630
3/5/20 5:30 AM	0	9	694	139630
3/5/20 6:00 AM	0	9	694	139630
3/5/20 6:30 AM	0	9	693	139630
3/5/20 7:00 AM	0	9	693	139630
3/5/20 7:30 AM	0	10	693	139630
3/5/20 8:00 AM	0	10	693	139630
3/5/20 8:30 AM	0	10	694	139630
3/5/20 9:00 AM	0	10	693	139630
3/5/20 9:30 AM	0	10	693	139630
3/5/20 10:00 AM	0	10	692	139630
3/5/20 10:30 AM	0	10	692	139630
3/5/20 11:00 AM	0	10	692	139630
3/5/20 11:30 AM	0	10	691	139630
3/5/20 12:00 PM	0	10	691	139630
3/5/20 12:30 PM	0	10	690	139630
3/5/20 1:00 PM	0	11	690	139630
3/5/20 1:30 PM	0	11	690	139630
3/5/20 2:00 PM	0	11	690	139630
3/5/20 2:30 PM	0	11	689	139630
3/5/20 3:00 PM	0	11	689	139630
3/5/20 3:30 PM	0	11	689	139630
3/5/20 4:00 PM	0	11	689	139630
3/5/20 4:30 PM	0	11	688	139630
3/5/20 5:00 PM	0	11	688	139630
3/5/20 5:30 PM	0	12	688	139630
3/5/20 6:00 PM	0	12	688	139630
3/5/20 6:30 PM	0	12	687	139630
3/5/20 7:00 PM	0	12	687	139630
3/5/20 7:30 PM	0	12	687	139630
3/5/20 8:00 PM	0	12	686	139630
3/5/20 8:30 PM	0	12	686	139630
3/5/20 9:00 PM	0	12	686	139630
3/5/20 9:30 PM	0	12	686	139630
3/5/20 10:00 PM	0	12	686	139630
3/5/20 10:30 PM	0	12	686	139630
3/5/20 11:00 PM	0	13	685	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/5/20 11:30 PM	0	13	685	139630
3/6/20 12:00 AM	0	13	685	139630
3/6/20 12:30 AM	0	13	685	139630
3/6/20 1:00 AM	0	13	684	139630
3/6/20 1:30 AM	0	13	684	139630
3/6/20 2:00 AM	0	13	684	139630
3/6/20 2:30 AM	0	13	684	139630
3/6/20 3:00 AM	0	13	684	139630
3/6/20 3:30 AM	0	13	683	139630
3/6/20 4:00 AM	0	13	683	139630
3/6/20 4:30 AM	0	13	683	139630
3/6/20 5:00 AM	0	13	683	139630
3/6/20 5:30 AM	0	13	682	139630
3/6/20 6:00 AM	0	13	682	139630
3/6/20 6:30 AM	0	13	682	139630
3/6/20 7:00 AM	0	13	682	139630
3/6/20 7:30 AM	0	13	681	139630
3/6/20 8:00 AM	0	14	681	139630
3/6/20 8:30 AM	0	14	681	139630
3/6/20 9:00 AM	0	14	681	139630
3/6/20 9:30 AM	0	14	681	139630
3/6/20 10:00 AM	0	14	681	139630
3/6/20 10:30 AM	0	14	680	139630
3/6/20 11:00 AM	0	14	680	139630
3/6/20 11:30 AM	0	14	680	139630
3/6/20 12:00 PM	0	14	679	139630
3/6/20 12:30 PM	0	14	679	139630
3/6/20 1:00 PM	0	15	679	139630
3/6/20 1:30 PM	0	15	679	139630
3/6/20 2:00 PM	0	15	679	139630
3/6/20 2:30 PM	0	15	679	139630
3/6/20 3:00 PM	0	15	678	139630
3/6/20 3:30 PM	0	15	678	139630
3/6/20 4:00 PM	0	15	678	139630
3/6/20 4:30 PM	0	15	678	139630
3/6/20 5:00 PM	0	15	677	139630
3/6/20 5:30 PM	0	15	677	139630
3/6/20 6:00 PM	0	16	677	139630
3/6/20 6:30 PM	0	16	677	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/6/20 7:00 PM	0	16	676	139630
3/6/20 7:30 PM	0	16	676	139630
3/6/20 8:00 PM	0	16	676	139630
3/6/20 8:30 PM	0	16	676	139630
3/6/20 9:00 PM	0	16	676	139630
3/6/20 9:30 PM	0	16	676	139630
3/6/20 10:00 PM	0	16	675	139630
3/6/20 10:30 PM	0	16	675	139630
3/6/20 11:00 PM	0	16	675	139630
3/6/20 11:30 PM	0	16	675	139630
3/7/20 12:00 AM	0	16	675	139630
3/7/20 12:30 AM	0	16	675	139630
3/7/20 1:00 AM	0	17	674	139630
3/7/20 1:30 AM	0	17	674	139630
3/7/20 2:00 AM	0	17	674	139630
3/7/20 2:30 AM	0	17	674	139630
3/7/20 3:00 AM	0	17	674	139630
3/7/20 3:30 AM	0	17	673	139630
3/7/20 4:00 AM	0	17	673	139630
3/7/20 4:30 AM	0	17	673	139630
3/7/20 5:00 AM	0	17	673	139630
3/7/20 5:30 AM	0	17	673	139630
3/7/20 6:00 AM	0	17	672	139630
3/7/20 6:30 AM	0	17	672	139630
3/7/20 7:00 AM	0	17	672	139630
3/7/20 7:30 AM	0	17	672	139630
3/7/20 8:00 AM	0	17	672	139630
3/7/20 8:30 AM	0	17	672	139630
3/7/20 9:00 AM	0	18	672	139630
3/7/20 9:30 AM	0	18	671	139630
3/7/20 10:00 AM	0	18	671	139630
3/7/20 10:30 AM	0	18	671	139630
3/7/20 11:00 AM	0	18	671	139630
3/7/20 11:30 AM	0	18	670	139630
3/7/20 12:00 PM	0	18	670	139630
3/7/20 12:30 PM	0	18	670	139630
3/7/20 1:00 PM	0	18	670	139630
3/7/20 1:30 PM	0	19	670	139630
3/7/20 2:00 PM	0	19	670	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/7/20 2:30 PM	0	19	669	139630
3/7/20 3:00 PM	0	19	669	139630
3/7/20 3:30 PM	0	19	669	139630
3/7/20 4:00 PM	0	19	669	139630
3/7/20 4:30 PM	0	19	668	139630
3/7/20 5:00 PM	0	19	669	139630
3/7/20 5:30 PM	0	19	668	139630
3/7/20 6:00 PM	0	19	668	139630
3/7/20 6:30 PM	0	20	668	139630
3/7/20 7:00 PM	0	20	668	139630
3/7/20 7:30 PM	0	20	667	139630
3/7/20 8:00 PM	0	20	667	139630
3/7/20 8:30 PM	0	20	667	139630
3/7/20 9:00 PM	0	20	667	139630
3/7/20 9:30 PM	0	20	667	139630
3/7/20 10:00 PM	0	20	667	139630
3/7/20 10:30 PM	0	20	667	139630
3/7/20 11:00 PM	0	20	666	139630
3/7/20 11:30 PM	0	20	666	139630
3/8/20 12:00 AM	0	20	666	139630
3/8/20 12:30 AM	0	20	666	139630
3/8/20 1:00 AM	0	20	666	139630
3/8/20 1:30 AM	0	20	666	139630
3/8/20 2:00 AM	0	21	665	139630
3/8/20 2:30 AM	0	21	665	139630
3/8/20 3:00 AM	0	21	665	139630
3/8/20 3:30 AM	0	21	665	139630
3/8/20 4:00 AM	0	21	665	139630
3/8/20 4:30 AM	0	21	665	139630
3/8/20 5:00 AM	0	21	665	139630
3/8/20 5:30 AM	0	21	664	139630
3/8/20 6:00 AM	0	21	664	139630
3/8/20 6:30 AM	0	21	664	139630
3/8/20 7:00 AM	0	21	664	139630
3/8/20 7:30 AM	0	21	664	139630
3/8/20 8:00 AM	0	21	664	139630
3/8/20 8:30 AM	0	21	663	139630
3/8/20 9:00 AM	0	22	663	139630
3/8/20 9:30 AM	0	22	663	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/8/20 10:00 AM	0	22	663	139630
3/8/20 10:30 AM	0	22	663	139630
3/8/20 11:00 AM	0	22	663	139630
3/8/20 11:30 AM	0	22	662	139630
3/8/20 12:00 PM	0	22	662	139630
3/8/20 12:30 PM	0	22	662	139630
3/8/20 1:00 PM	0	22	662	139630
3/8/20 1:30 PM	0	22	662	139630
3/8/20 2:00 PM	0	22	661	139630
3/8/20 2:30 PM	0	23	661	139630
3/8/20 3:00 PM	0	23	661	139630
3/8/20 3:30 PM	0	23	661	139630
3/8/20 4:00 PM	0	23	661	139630
3/8/20 4:30 PM	0	23	660	139630
3/8/20 5:00 PM	0	23	660	139630
3/8/20 5:30 PM	0	23	660	139630
3/8/20 6:00 PM	0	23	660	139630
3/8/20 6:30 PM	0	23	660	139630
3/8/20 7:00 PM	0	23	660	139630
3/8/20 7:30 PM	0	23	660	139630
3/8/20 8:00 PM	0	23	660	139630
3/8/20 8:30 PM	0	23	660	139630
3/8/20 9:00 PM	0	24	659	139630
3/8/20 9:30 PM	0	24	659	139630
3/8/20 10:00 PM	0	24	659	139630
3/8/20 10:30 PM	0	24	659	139630
3/8/20 11:00 PM	0	24	659	139630
3/8/20 11:30 PM	0	24	659	139630
3/9/20 12:00 AM	0	24	659	139630
3/9/20 12:30 AM	0	24	658	139630
3/9/20 1:00 AM	0	24	658	139630
3/9/20 1:30 AM	0	24	658	139630
3/9/20 2:00 AM	0	24	658	139630
3/9/20 2:30 AM	0	24	658	139630
3/9/20 3:00 AM	0	24	658	139630
3/9/20 3:30 AM	0	24	657	139630
3/9/20 4:00 AM	0	24	657	139630
3/9/20 4:30 AM	0	24	657	139630
3/9/20 5:00 AM	0	24	657	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/9/20 5:30 AM	0	24	657	139630
3/9/20 6:00 AM	0	24	657	139630
3/9/20 6:30 AM	0	24	656	139630
3/9/20 7:00 AM	0	24	656	139630
3/9/20 7:30 AM	0	25	656	139630
3/9/20 8:00 AM	0	25	656	139630
3/9/20 8:30 AM	0	25	657	139630
3/9/20 9:00 AM	0	25	656	139630
3/9/20 9:30 AM	0	25	656	139630
3/9/20 10:00 AM	0	25	656	139630
3/9/20 10:30 AM	0	25	656	139630
3/9/20 11:00 AM	0	25	656	139630
3/9/20 11:30 AM	0	25	656	139630
3/9/20 12:00 PM	0	25	655	139630
3/9/20 12:30 PM	0	26	655	139630
3/9/20 1:00 PM	0	26	655	139630
3/9/20 1:30 PM	0	26	654	139630
3/9/20 2:00 PM	0	26	654	139630
3/9/20 2:30 PM	0	26	654	139630
3/9/20 3:00 PM	0	26	654	139630
3/9/20 3:30 PM	0	26	654	139630
3/9/20 4:00 PM	0	26	654	139630
3/9/20 4:30 PM	0	26	654	139630
3/9/20 5:00 PM	0	27	654	139630
3/9/20 5:30 PM	0	27	654	139630
3/9/20 6:00 PM	0	27	653	139630
3/9/20 6:30 PM	0	27	653	139630
3/9/20 7:00 PM	0	27	653	139630
3/9/20 7:30 PM	0	27	653	139630
3/9/20 8:00 PM	0	27	653	139630
3/9/20 8:30 PM	0	27	653	139630
3/9/20 9:00 PM	0	27	653	139630
3/9/20 9:30 PM	0	27	652	139630
3/9/20 10:00 PM	0	27	652	139630
3/9/20 10:30 PM	0	27	652	139630
3/9/20 11:00 PM	0	27	652	139630
3/9/20 11:30 PM	0	27	652	139630
3/10/20 12:00 AM	0	27	652	139630
3/10/20 12:30 AM	0	27	652	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/10/20 1:00 AM	0	27	652	139630
3/10/20 1:30 AM	0	28	651	139630
3/10/20 2:00 AM	0	28	651	139630
3/10/20 2:30 AM	0	28	651	139630
3/10/20 3:00 AM	0	28	651	139630
3/10/20 3:30 AM	0	28	651	139630
3/10/20 4:00 AM	0	28	651	139630
3/10/20 4:30 AM	0	28	651	139630
3/10/20 5:00 AM	0	28	651	139630
3/10/20 5:30 AM	0	28	651	139630
3/10/20 6:00 AM	0	28	650	139630
3/10/20 6:30 AM	0	28	650	139630
3/10/20 7:00 AM	0	28	650	139630
3/10/20 7:30 AM	0	28	650	139630
3/10/20 8:00 AM	0	28	650	139630
3/10/20 8:30 AM	0	28	650	139630
3/10/20 9:00 AM	0	28	650	139630
3/10/20 9:30 AM	0	28	650	139630
3/10/20 10:00 AM	0	28	650	139630
3/10/20 10:30 AM	0	29	649	139630
3/10/20 11:00 AM	0	29	649	139630
3/10/20 11:30 AM	0	29	649	139630
3/10/20 12:00 PM	0	29	649	139630
3/10/20 12:30 PM	0	29	649	139630
3/10/20 1:00 PM	0	29	648	139630
3/10/20 1:30 PM	0	29	648	139630
3/10/20 2:00 PM	0	29	648	139630
3/10/20 2:30 PM	0	29	648	139630
3/10/20 3:00 PM	0	29	648	139630
3/10/20 3:30 PM	0	30	648	139630
3/10/20 4:00 PM	0	30	648	139630
3/10/20 4:30 PM	0	30	648	139630
3/10/20 5:00 PM	0	30	648	139630
3/10/20 5:30 PM	0	30	648	139630
3/10/20 6:00 PM	0	30	647	139630
3/10/20 6:30 PM	0	30	647	139630
3/10/20 7:00 PM	0	30	647	139630
3/10/20 7:30 PM	0	30	647	139630
3/10/20 8:00 PM	0	30	647	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/10/20 8:30 PM	0	30	647	139630
3/10/20 9:00 PM	0	30	647	139630
3/10/20 9:30 PM	0	31	646	139630
3/10/20 10:00 PM	0	31	646	139630
3/10/20 10:30 PM	0	31	646	139630
3/10/20 11:00 PM	0	31	646	139630
3/10/20 11:30 PM	0	31	646	139630
3/11/20 12:00 AM	0	31	646	139630
3/11/20 12:30 AM	0	31	646	139630
3/11/20 1:00 AM	0	31	646	139630
3/11/20 1:30 AM	0	31	645	139630
3/11/20 2:00 AM	0	31	645	139630
3/11/20 2:30 AM	0	31	645	139630
3/11/20 3:00 AM	0	31	645	139630
3/11/20 3:30 AM	0	31	645	139630
3/11/20 4:00 AM	0	31	645	139630
3/11/20 4:30 AM	0	31	645	139630
3/11/20 5:00 AM	0	31	645	139630
3/11/20 5:30 AM	0	31	645	139630
3/11/20 6:00 AM	0	31	645	139630
3/11/20 6:30 AM	0	31	644	139630
3/11/20 7:00 AM	0	32	644	139630
3/11/20 7:30 AM	0	32	644	139630
3/11/20 8:00 AM	0	32	644	139630
3/11/20 8:30 AM	0	32	644	139630
3/11/20 9:00 AM	0	32	644	139630
3/11/20 9:30 AM	0	32	644	139630
3/11/20 10:00 AM	0	32	644	139630
3/11/20 10:30 AM	0	32	644	139630
3/11/20 11:00 AM	0	32	644	139630
3/11/20 11:30 AM	0	32	643	139630
3/11/20 12:00 PM	0	32	643	139630
3/11/20 12:30 PM	0	32	643	139630
3/11/20 1:00 PM	0	32	643	139630
3/11/20 1:30 PM	0	33	643	139630
3/11/20 2:00 PM	0	33	642	139630
3/11/20 2:30 PM	0	33	643	139630
3/11/20 3:00 PM	0	33	643	139630
3/11/20 3:30 PM	0	33	642	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/11/20 4:00 PM	0	33	642	139630
3/11/20 4:30 PM	0	33	642	139630
3/11/20 5:00 PM	0	33	642	139630
3/11/20 5:30 PM	0	33	642	139630
3/11/20 6:00 PM	0	33	642	139630
3/11/20 6:30 PM	0	34	642	139630
3/11/20 7:00 PM	0	34	641	139630
3/11/20 7:30 PM	0	34	641	139630
3/11/20 8:00 PM	0	34	641	139630
3/11/20 8:30 PM	0	34	641	139630
3/11/20 9:00 PM	0	34	641	139630
3/11/20 9:30 PM	0	34	641	139630
3/11/20 10:00 PM	0	34	641	139630
3/11/20 10:30 PM	0	34	641	139630
3/11/20 11:00 PM	0	34	641	139630
3/11/20 11:30 PM	0	34	641	139630
3/12/20 12:00 AM	0	34	641	139630
3/12/20 12:30 AM	0	34	640	139630
3/12/20 1:00 AM	0	34	640	139630
3/12/20 1:30 AM	0	34	640	139630
3/12/20 2:00 AM	0	34	640	139630
3/12/20 2:30 AM	0	34	640	139630
3/12/20 3:00 AM	0	34	640	139630
3/12/20 3:30 AM	0	35	640	139630
3/12/20 4:00 AM	0	35	640	139630
3/12/20 4:30 AM	0	35	640	139630
3/12/20 5:00 AM	0	35	640	139630
3/12/20 5:30 AM	0	35	639	139630
3/12/20 6:00 AM	0	35	639	139630
3/12/20 6:30 AM	0	35	639	139630
3/12/20 7:00 AM	0	35	639	139630
3/12/20 7:30 AM	0	35	639	139630
3/12/20 8:00 AM	0	35	639	139630
3/12/20 8:30 AM	0	35	639	139630
3/12/20 9:00 AM	0	35	639	139630
3/12/20 9:30 AM	0	35	639	139630
3/12/20 10:00 AM	0	35	639	139630
3/12/20 10:30 AM	0	35	639	139630
3/12/20 11:00 AM	0	36	639	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/12/20 11:30 AM	0	36	638	139630
3/12/20 12:00 PM	0	36	638	139630
3/12/20 12:30 PM	0	36	638	139630
3/12/20 1:00 PM	0	36	638	139630
3/12/20 1:30 PM	0	36	638	139630
3/12/20 2:00 PM	0	36	637	139630
3/12/20 2:30 PM	0	36	637	139630
3/12/20 3:00 PM	0	36	637	139630
3/12/20 3:30 PM	0	37	637	139630
3/12/20 4:00 PM	0	37	637	139630
3/12/20 4:30 PM	0	37	637	139630
3/12/20 5:00 PM	0	37	637	139630
3/12/20 5:30 PM	0	37	637	139630
3/12/20 6:00 PM	0	37	637	139630
3/12/20 6:30 PM	0	37	637	139630
3/12/20 7:00 PM	0	37	636	139630
3/12/20 7:30 PM	0	37	636	139630
3/12/20 8:00 PM	0	37	636	139630
3/12/20 8:30 PM	0	37	636	139630
3/12/20 9:00 PM	0	37	636	139630
3/12/20 9:30 PM	0	37	636	139630
3/12/20 10:00 PM	0	37	636	139630
3/12/20 10:30 PM	0	37	636	139630
3/12/20 11:00 PM	0	37	636	139630
3/12/20 11:30 PM	0	37	636	139630
3/13/20 12:00 AM	0	37	636	139630
3/13/20 12:30 AM	0	37	636	139630
3/13/20 1:00 AM	0	37	636	139630
3/13/20 1:30 AM	0	38	635	139630
3/13/20 2:00 AM	0	38	635	139630
3/13/20 2:30 AM	0	38	635	139630
3/13/20 3:00 AM	0	38	635	139630
3/13/20 3:30 AM	0	38	635	139630
3/13/20 4:00 AM	0	38	635	139630
3/13/20 4:30 AM	0	38	635	139630
3/13/20 5:00 AM	0	38	635	139630
3/13/20 5:30 AM	0	38	635	139630
3/13/20 6:00 AM	0	38	635	139630
3/13/20 6:30 AM	0	38	635	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/13/20 7:00 AM	0	38	634	139630
3/13/20 7:30 AM	0	38	634	139630
3/13/20 8:00 AM	0	38	634	139630
3/13/20 8:30 AM	0	38	634	139630
3/13/20 9:00 AM	0	38	634	139630
3/13/20 9:30 AM	0	38	634	139630
3/13/20 10:00 AM	0	39	634	139630
3/13/20 10:30 AM	0	39	634	139630
3/13/20 11:00 AM	0	39	634	139630
3/13/20 11:30 AM	0	39	634	139630
3/13/20 12:00 PM	0	39	633	139630
3/13/20 12:30 PM	0	39	633	139630
3/13/20 1:00 PM	0	39	633	139630
3/13/20 1:30 PM	0	39	633	139630
3/13/20 2:00 PM	0	39	633	139630
3/13/20 2:30 PM	0	39	633	139630
3/13/20 3:00 PM	0	39	633	139630
3/13/20 3:30 PM	0	39	633	139630
3/13/20 4:00 PM	0	39	633	139630
3/13/20 4:30 PM	0	40	633	139630
3/13/20 5:00 PM	0	40	632	139630
3/13/20 5:30 PM	0	40	632	139630
3/13/20 6:00 PM	0	40	632	139630
3/13/20 6:30 PM	0	40	632	139630
3/13/20 7:00 PM	0	40	632	139630
3/13/20 7:30 PM	0	40	632	139630
3/13/20 8:00 PM	0	40	632	139630
3/13/20 8:30 PM	0	40	632	139630
3/13/20 9:00 PM	0	40	632	139630
3/13/20 9:30 PM	0	40	632	139630
3/13/20 10:00 PM	0	40	632	139630
3/13/20 10:30 PM	0	40	631	139630
3/13/20 11:00 PM	0	40	631	139630
3/13/20 11:30 PM	0	40	631	139630
3/14/20 12:00 AM	0	40	631	139630
3/14/20 12:30 AM	0	40	631	139630
3/14/20 1:00 AM	0	40	631	139630
3/14/20 1:30 AM	0	40	631	139630
3/14/20 2:00 AM	0	40	631	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/14/20 2:30 AM	0	40	631	139630
3/14/20 3:00 AM	0	40	630	139630
3/14/20 3:30 AM	0	40	631	139630
3/14/20 4:00 AM	0	40	630	139630
3/14/20 4:30 AM	0	40	630	139630
3/14/20 5:00 AM	0	41	630	139630
3/14/20 5:30 AM	0	41	630	139630
3/14/20 6:00 AM	0	41	630	139630
3/14/20 6:30 AM	0	41	630	139630
3/14/20 7:00 AM	0	41	630	139630
3/14/20 7:30 AM	0	41	630	139630
3/14/20 8:00 AM	0	41	630	139630
3/14/20 8:30 AM	0	41	630	139630
3/14/20 9:00 AM	0	41	630	139630
3/14/20 9:30 AM	0	41	630	139630
3/14/20 10:00 AM	0	41	630	139630
3/14/20 10:30 AM	0	41	630	139630
3/14/20 11:00 AM	0	41	629	139630
3/14/20 11:30 AM	0	42	629	139630
3/14/20 12:00 PM	0	42	629	139630
3/14/20 12:30 PM	0	42	629	139630
3/14/20 1:00 PM	0	42	629	139630
3/14/20 1:30 PM	0	42	629	139630
3/14/20 2:00 PM	0	42	629	139630
3/14/20 2:30 PM	0	42	628	139630
3/14/20 3:00 PM	0	42	629	139630
3/14/20 3:30 PM	0	42	629	139630
3/14/20 4:00 PM	0	43	628	139630
3/14/20 4:30 PM	0	43	628	139630
3/14/20 5:00 PM	0	43	628	139630
3/14/20 5:30 PM	0	43	628	139630
3/14/20 6:00 PM	0	43	628	139630
3/14/20 6:30 PM	0	43	627	139630
3/14/20 7:00 PM	0	43	627	139630
3/14/20 7:30 PM	0	43	627	139630
3/14/20 8:00 PM	0	43	627	139630
3/14/20 8:30 PM	0	43	627	139630
3/14/20 9:00 PM	0	43	627	139630
3/14/20 9:30 PM	0	43	627	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/14/20 10:00 PM	0	43	627	139630
3/14/20 10:30 PM	0	43	627	139630
3/14/20 11:00 PM	0	43	627	139630
3/14/20 11:30 PM	0	43	627	139630
3/15/20 12:00 AM	0	43	627	139630
3/15/20 12:30 AM	0	43	627	139630
3/15/20 1:00 AM	0	43	627	139630
3/15/20 1:30 AM	0	43	627	139630
3/15/20 2:00 AM	0	43	627	139630
3/15/20 2:30 AM	0	43	626	139630
3/15/20 3:00 AM	0	44	626	139630
3/15/20 3:30 AM	0	44	626	139630
3/15/20 4:00 AM	0	44	626	139630
3/15/20 4:30 AM	0	44	626	139630
3/15/20 5:00 AM	0	44	626	139630
3/15/20 5:30 AM	0	44	626	139630
3/15/20 6:00 AM	0	44	626	139630
3/15/20 6:30 AM	0	44	626	139630
3/15/20 7:00 AM	0	44	626	139630
3/15/20 7:30 AM	0	44	625	139630
3/15/20 8:00 AM	0	44	626	139630
3/15/20 8:30 AM	0	44	626	139630
3/15/20 9:00 AM	0	44	626	139630
3/15/20 9:30 AM	0	44	626	139630
3/15/20 10:00 AM	0	44	625	139630
3/15/20 10:30 AM	0	44	625	139630
3/15/20 11:00 AM	0	44	625	139630
3/15/20 11:30 AM	0	45	625	139630
3/15/20 12:00 PM	0	45	625	139630
3/15/20 12:30 PM	0	45	625	139630
3/15/20 1:00 PM	0	45	625	139630
3/15/20 1:30 PM	0	45	625	139630
3/15/20 2:00 PM	0	45	624	139630
3/15/20 2:30 PM	0	45	624	139630
3/15/20 3:00 PM	0	45	624	139630
3/15/20 3:30 PM	0	45	624	139630
3/15/20 4:00 PM	0	46	624	139630
3/15/20 4:30 PM	0	46	624	139630
3/15/20 5:00 PM	0	46	624	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/15/20 5:30 PM	0	46	624	139630
3/15/20 6:00 PM	0	46	624	139630
3/15/20 6:30 PM	0	46	624	139630
3/15/20 7:00 PM	0	46	624	139630
3/15/20 7:30 PM	0	46	623	139630
3/15/20 8:00 PM	0	46	623	139630
3/15/20 8:30 PM	0	46	623	139630
3/15/20 9:00 PM	0	46	623	139630
3/15/20 9:30 PM	0	46	623	139630
3/15/20 10:00 PM	0	46	623	139630
3/15/20 10:30 PM	0	46	623	139630
3/15/20 11:00 PM	0	46	623	139630
3/15/20 11:30 PM	0	46	623	139630
3/16/20 12:00 AM	0	46	623	139630
3/16/20 12:30 AM	0	46	623	139630
3/16/20 1:00 AM	0	46	623	139630
3/16/20 1:30 AM	0	46	623	139630
3/16/20 2:00 AM	0	46	623	139630
3/16/20 2:30 AM	0	46	623	139630
3/16/20 3:00 AM	0	46	622	139630
3/16/20 3:30 AM	0	46	622	139630
3/16/20 4:00 AM	0	46	622	139630
3/16/20 4:30 AM	0	46	622	139630
3/16/20 5:00 AM	0	46	622	139630
3/16/20 5:30 AM	0	46	622	139630
3/16/20 6:00 AM	0	46	622	139630
3/16/20 6:30 AM	0	46	622	139630
3/16/20 7:00 AM	0	46	622	139630
3/16/20 7:30 AM	0	46	622	139630
3/16/20 8:00 AM	0	46	622	139630
3/16/20 8:30 AM	0	46	622	139630
3/16/20 9:00 AM	0	46	622	139630
3/16/20 9:30 AM	0	46	622	139630
3/16/20 10:00 AM	0	47	622	139630
3/16/20 10:30 AM	0	47	622	139630
3/16/20 11:00 AM	0	47	621	139630
3/16/20 11:30 AM	0	47	621	139630
3/16/20 12:00 PM	0	47	621	139630
3/16/20 12:30 PM	0	47	621	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/16/20 1:00 PM	0	47	621	139630
3/16/20 1:30 PM	0	48	621	139630
3/16/20 2:00 PM	0	48	621	139630
3/16/20 2:30 PM	0	48	621	139630
3/16/20 3:00 PM	0	48	621	139630
3/16/20 3:30 PM	0	48	620	139630
3/16/20 4:00 PM	0	48	620	139630
3/16/20 4:30 PM	0	48	620	139630
3/16/20 5:00 PM	0	48	620	139630
3/16/20 5:30 PM	0	48	620	139630
3/16/20 6:00 PM	0	49	620	139630
3/16/20 6:30 PM	0	49	620	139630
3/16/20 7:00 PM	0	49	620	139630
3/16/20 7:30 PM	0	49	620	139630
3/16/20 8:00 PM	0	49	620	139630
3/16/20 8:30 PM	0	49	620	139630
3/16/20 9:00 PM	0	49	620	139630
3/16/20 9:30 PM	0	49	620	139630
3/16/20 10:00 PM	0	49	620	139630
3/16/20 10:30 PM	0	49	620	139630
3/16/20 11:00 PM	0	49	620	139630
3/16/20 11:30 PM	0	49	620	139630
3/17/20 12:00 AM	0	49	619	139630
3/17/20 12:30 AM	0	49	619	139630
3/17/20 1:00 AM	0	49	619	139630
3/17/20 1:30 AM	0	49	619	139630
3/17/20 2:00 AM	0	49	619	139630
3/17/20 2:30 AM	0	49	619	139630
3/17/20 3:00 AM	0	49	619	139630
3/17/20 3:30 AM	0	49	619	139630
3/17/20 4:00 AM	0	49	619	139630
3/17/20 4:30 AM	0	49	619	139630
3/17/20 5:00 AM	0	49	619	139630
3/17/20 5:30 AM	0	49	619	139630
3/17/20 6:00 AM	0	49	618	139630
3/17/20 6:30 AM	0	49	618	139630
3/17/20 7:00 AM	0	49	618	139630
3/17/20 7:30 AM	0	49	618	139630
3/17/20 8:00 AM	0	49	618	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/17/20 8:30 AM	0	49	618	139630
3/17/20 9:00 AM	0	49	618	139630
3/17/20 9:30 AM	0	49	618	139630
3/17/20 10:00 AM	0	49	618	139630
3/17/20 10:30 AM	0	49	618	139630
3/17/20 11:00 AM	0	49	618	139630
3/17/20 11:30 AM	0	50	618	139630
3/17/20 12:00 PM	0	50	618	139630
3/17/20 12:30 PM	0	50	618	139630
3/17/20 1:00 PM	0	50	618	139630
3/17/20 1:30 PM	0	50	618	139630
3/17/20 2:00 PM	0	50	617	139630
3/17/20 2:30 PM	0	50	617	139630
3/17/20 3:00 PM	0	50	617	139630
3/17/20 3:30 PM	0	50	617	139630
3/17/20 4:00 PM	0	50	617	139630
3/17/20 4:30 PM	0	50	617	139630
3/17/20 5:00 PM	0	50	617	139630
3/17/20 5:30 PM	0	51	617	139630
3/17/20 6:00 PM	0	51	617	139630
3/17/20 6:30 PM	0	51	617	139630
3/17/20 7:00 PM	0	51	616	139630
3/17/20 7:30 PM	0	51	616	139630
3/17/20 8:00 PM	0	51	616	139630
3/17/20 8:30 PM	0	51	616	139630
3/17/20 9:00 PM	0	51	616	139630
3/17/20 9:30 PM	0	51	616	139630
3/17/20 10:00 PM	0	51	616	139630
3/17/20 10:30 PM	0	51	616	139630
3/17/20 11:00 PM	0	51	616	139630
3/17/20 11:30 PM	0	51	616	139630
3/18/20 12:00 AM	0	51	616	139630
3/18/20 12:30 AM	0	51	616	139630
3/18/20 1:00 AM	0	51	616	139630
3/18/20 1:30 AM	0	51	616	139630
3/18/20 2:00 AM	0	51	616	139630
3/18/20 2:30 AM	0	51	616	139630
3/18/20 3:00 AM	0	51	616	139630
3/18/20 3:30 AM	0	51	615	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/18/20 4:00 AM	0	51	615	139630
3/18/20 4:30 AM	0	51	615	139630
3/18/20 5:00 AM	0	51	615	139630
3/18/20 5:30 AM	0	51	615	139630
3/18/20 6:00 AM	0	51	615	139630
3/18/20 6:30 AM	0	51	615	139630
3/18/20 7:00 AM	0	51	615	139630
3/18/20 7:30 AM	0	51	615	139630
3/18/20 8:00 AM	0	51	615	139630
3/18/20 8:30 AM	0	51	615	139630
3/18/20 9:00 AM	0	51	615	139630
3/18/20 9:30 AM	0	51	615	139630
3/18/20 10:00 AM	0	51	615	139630
3/18/20 10:30 AM	0	51	615	139630
3/18/20 11:00 AM	0	52	615	139630
3/18/20 11:30 AM	0	52	614	139630
3/18/20 12:00 PM	0	52	614	139630
3/18/20 12:30 PM	0	52	614	139630
3/18/20 1:00 PM	0	52	614	139630
3/18/20 1:30 PM	0	52	614	139630
3/18/20 2:00 PM	0	52	614	139630
3/18/20 2:30 PM	0	52	614	139630
3/18/20 3:00 PM	0	52	614	139630
3/18/20 3:30 PM	0	53	614	139630
3/18/20 4:00 PM	0	53	614	139630
3/18/20 4:30 PM	0	53	614	139630
3/18/20 5:00 PM	0	53	614	139630
3/18/20 5:30 PM	0	53	613	139630
3/18/20 6:00 PM	0	53	613	139630
3/18/20 6:30 PM	0	53	613	139630
3/18/20 7:00 PM	0	53	613	139630
3/18/20 7:30 PM	0	53	613	139630
3/18/20 8:00 PM	0	53	613	139630
3/18/20 8:30 PM	0	53	613	139630
3/18/20 9:00 PM	0	53	613	139630
3/18/20 9:30 PM	0	53	613	139630
3/18/20 10:00 PM	0	53	613	139630
3/18/20 10:30 PM	0	53	613	139630
3/18/20 11:00 PM	0	53	613	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/18/20 11:30 PM	0	53	613	139630
3/19/20 12:00 AM	0	53	613	139630
3/19/20 12:30 AM	0	53	613	139630
3/19/20 1:00 AM	0	53	613	139630
3/19/20 1:30 AM	0	53	613	139630
3/19/20 2:00 AM	0	53	612	139630
3/19/20 2:30 AM	0	53	612	139630
3/19/20 3:00 AM	0	53	612	139630
3/19/20 3:30 AM	0	53	612	139630
3/19/20 4:00 AM	0	53	612	139630
3/19/20 4:30 AM	0	53	612	139630
3/19/20 5:00 AM	0	53	612	139630
3/19/20 5:30 AM	0	53	612	139630
3/19/20 6:00 AM	0	53	612	139630
3/19/20 6:30 AM	0	53	612	139630
3/19/20 7:00 AM	0	53	612	139630
3/19/20 7:30 AM	0	53	612	139630
3/19/20 8:00 AM	0	52	612	139630
3/19/20 8:30 AM	0	52	612	139630
3/19/20 9:00 AM	0	52	612	139630
3/19/20 9:30 AM	0	52	612	139630
3/19/20 10:00 AM	0	52	612	139630
3/19/20 10:30 AM	0	53	611	139630
3/19/20 11:00 AM	0	53	611	139630
3/19/20 11:30 AM	0	53	612	139630
3/19/20 12:00 PM	0	53	612	139630
3/19/20 12:30 PM	0	53	611	139630
3/19/20 1:00 PM	0	53	611	139630
3/19/20 1:30 PM	0	53	611	139630
3/19/20 2:00 PM	0	53	611	139630
3/19/20 2:30 PM	0	53	611	139630
3/19/20 3:00 PM	0	53	611	139630
3/19/20 3:30 PM	0	53	611	139630
3/19/20 4:00 PM	0	53	610	139630
3/19/20 4:30 PM	0	53	611	139630
3/19/20 5:00 PM	0	53	610	139630
3/19/20 5:30 PM	0	53	610	139630
3/19/20 6:00 PM	0	53	610	139630
3/19/20 6:30 PM	0	54	610	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/19/20 7:00 PM	0	54	610	139630
3/19/20 7:30 PM	0	54	610	139630
3/19/20 8:00 PM	0	54	610	139630
3/19/20 8:30 PM	0	54	610	139630
3/19/20 9:00 PM	0	54	610	139630
3/19/20 9:30 PM	0	54	610	139630
3/19/20 10:00 PM	0	54	610	139630
3/19/20 10:30 PM	0	54	610	139630
3/19/20 11:00 PM	0	54	610	139630
3/19/20 11:30 PM	0	54	609	139630
3/20/20 12:00 AM	0	54	609	139630
3/20/20 12:30 AM	0	54	609	139630
3/20/20 1:00 AM	0	54	609	139630
3/20/20 1:30 AM	0	54	609	139630
3/20/20 2:00 AM	0	54	609	139630
3/20/20 2:30 AM	0	53	609	139630
3/20/20 3:00 AM	0	53	609	139630
3/20/20 3:30 AM	0	53	609	139630
3/20/20 4:00 AM	0	53	609	139630
3/20/20 4:30 AM	0	53	609	139630
3/20/20 5:00 AM	0	53	609	139630
3/20/20 5:30 AM	0	53	609	139630
3/20/20 6:00 AM	0	53	609	139630
3/20/20 6:30 AM	0	53	609	139630
3/20/20 7:00 AM	0	52	609	139630
3/20/20 7:30 AM	0	52	608	139630
3/20/20 8:00 AM	0	52	609	139630
3/20/20 8:30 AM	0	52	609	139630
3/20/20 9:00 AM	0	52	609	139630
3/20/20 9:30 AM	0	52	609	139630
3/20/20 10:00 AM	0	52	608	139630
3/20/20 10:30 AM	0	53	608	139630
3/20/20 11:00 AM	0	53	608	139630
3/20/20 11:30 AM	0	53	608	139630
3/20/20 12:00 PM	0	53	608	139630
3/20/20 12:30 PM	0	53	608	139630
3/20/20 1:00 PM	0	53	608	139630
3/20/20 1:30 PM	0	53	608	139630
3/20/20 2:00 PM	0	53	608	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/20/20 2:30 PM	0	53	608	139630
3/20/20 3:00 PM	0	53	607	139630
3/20/20 3:30 PM	0	53	608	139630
3/20/20 4:00 PM	0	54	607	139630
3/20/20 4:30 PM	0	54	607	139630
3/20/20 5:00 PM	0	54	607	139630
3/20/20 5:30 PM	0	54	607	139630
3/20/20 6:00 PM	0	54	607	139630
3/20/20 6:30 PM	0	54	607	139630
3/20/20 7:00 PM	0	54	607	139630
3/20/20 7:30 PM	0	54	607	139630
3/20/20 8:00 PM	0	54	607	139630
3/20/20 8:30 PM	0	54	607	139630
3/20/20 9:00 PM	0	54	607	139630
3/20/20 9:30 PM	0	54	607	139630
3/20/20 10:00 PM	0	54	607	139630
3/20/20 10:30 PM	0	54	607	139630
3/20/20 11:00 PM	0	54	607	139630
3/20/20 11:30 PM	0	54	607	139630
3/21/20 12:00 AM	0	54	607	139630
3/21/20 12:30 AM	0	54	607	139630
3/21/20 1:00 AM	0	54	606	139630
3/21/20 1:30 AM	0	53	606	139630
3/21/20 2:00 AM	0	53	606	139630
3/21/20 2:30 AM	0	53	606	139630
3/21/20 3:00 AM	0	53	606	139630
3/21/20 3:30 AM	0	53	606	139630
3/21/20 4:00 AM	0	53	606	139630
3/21/20 4:30 AM	0	53	606	139630
3/21/20 5:00 AM	0	53	606	139630
3/21/20 5:30 AM	0	53	606	139630
3/21/20 6:00 AM	0	53	606	139630
3/21/20 6:30 AM	0	53	606	139630
3/21/20 7:00 AM	0	53	606	139630
3/21/20 7:30 AM	0	53	606	139630
3/21/20 8:00 AM	0	53	606	139630
3/21/20 8:30 AM	0	53	606	139630
3/21/20 9:00 AM	0	53	606	139630
3/21/20 9:30 AM	0	53	606	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/21/20 10:00 AM	0	53	606	139630
3/21/20 10:30 AM	0	53	606	139630
3/21/20 11:00 AM	0	53	605	139630
3/21/20 11:30 AM	0	53	605	139630
3/21/20 12:00 PM	0	54	605	139630
3/21/20 12:30 PM	0	54	605	139630
3/21/20 1:00 PM	0	54	605	139630
3/21/20 1:30 PM	0	54	605	139630
3/21/20 2:00 PM	0	54	605	139630
3/21/20 2:30 PM	0	54	605	139630
3/21/20 3:00 PM	0	54	604	139630
3/21/20 3:30 PM	0	54	604	139630
3/21/20 4:00 PM	0	54	605	139630
3/21/20 4:30 PM	0	54	605	139630
3/21/20 5:00 PM	0	54	605	139630
3/21/20 5:30 PM	0	54	604	139630
3/21/20 6:00 PM	0	54	604	139630
3/21/20 6:30 PM	0	54	604	139630
3/21/20 7:00 PM	0	55	604	139630
3/21/20 7:30 PM	0	55	604	139630
3/21/20 8:00 PM	0	55	604	139630
3/21/20 8:30 PM	0	55	604	139630
3/21/20 9:00 PM	0	55	604	139630
3/21/20 9:30 PM	0	54	604	139630
3/21/20 10:00 PM	0	54	604	139630
3/21/20 10:30 PM	0	54	604	139630
3/21/20 11:00 PM	0	54	604	139630
3/21/20 11:30 PM	0	54	604	139630
3/22/20 12:00 AM	0	54	604	139630
3/22/20 12:30 AM	0	54	604	139630
3/22/20 1:00 AM	0	54	604	139630
3/22/20 1:30 AM	0	54	604	139630
3/22/20 2:00 AM	0	54	604	139630
3/22/20 2:30 AM	0	53	604	139630
3/22/20 3:00 AM	0	53	603	139630
3/22/20 3:30 AM	0	53	603	139630
3/22/20 4:00 AM	0	53	603	139630
3/22/20 4:30 AM	0	53	603	139630
3/22/20 5:00 AM	0	53	603	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/22/20 5:30 AM	0	53	603	139630
3/22/20 6:00 AM	0	52	603	139630
3/22/20 6:30 AM	0	52	603	139630
3/22/20 7:00 AM	0	52	603	139630
3/22/20 7:30 AM	0	52	603	139630
3/22/20 8:00 AM	0	52	603	139630
3/22/20 8:30 AM	0	51	603	139630
3/22/20 9:00 AM	0	52	603	139630
3/22/20 9:30 AM	0	52	603	139630
3/22/20 10:00 AM	0	52	603	139630
3/22/20 10:30 AM	0	52	603	139630
3/22/20 11:00 AM	0	52	603	139630
3/22/20 11:30 AM	0	52	603	139630
3/22/20 12:00 PM	0	52	603	139630
3/22/20 12:30 PM	0	52	602	139630
3/22/20 1:00 PM	0	52	602	139630
3/22/20 1:30 PM	0	53	602	139630
3/22/20 2:00 PM	0	53	602	139630
3/22/20 2:30 PM	0	53	602	139630
3/22/20 3:00 PM	0	53	602	139630
3/22/20 3:30 PM	0	53	602	139630
3/22/20 4:00 PM	0	53	602	139630
3/22/20 4:30 PM	0	53	602	139630
3/22/20 5:00 PM	0	53	602	139630
3/22/20 5:30 PM	0	53	602	139630
3/22/20 6:00 PM	0	53	602	139630
3/22/20 6:30 PM	0	53	602	139630
3/22/20 7:00 PM	0	53	602	139630
3/22/20 7:30 PM	0	53	602	139630
3/22/20 8:00 PM	0	53	602	139630
3/22/20 8:30 PM	0	53	602	139630
3/22/20 9:00 PM	0	53	602	139630
3/22/20 9:30 PM	0	53	602	139630
3/22/20 10:00 PM	0	53	601	139630
3/22/20 10:30 PM	0	53	601	139630
3/22/20 11:00 PM	0	53	601	139630
3/22/20 11:30 PM	0	53	601	139630
3/23/20 12:00 AM	0	53	601	139630
3/23/20 12:30 AM	0	53	601	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/23/20 1:00 AM	0	53	601	139630
3/23/20 1:30 AM	0	53	601	139630
3/23/20 2:00 AM	0	53	601	139630
3/23/20 2:30 AM	0	53	601	139630
3/23/20 3:00 AM	0	53	601	139630
3/23/20 3:30 AM	0	53	601	139630
3/23/20 4:00 AM	0	53	601	139630
3/23/20 4:30 AM	0	53	601	139630
3/23/20 5:00 AM	0	53	601	139630
3/23/20 5:30 AM	0	52	601	139630
3/23/20 6:00 AM	0	52	600	139630
3/23/20 6:30 AM	0	52	600	139630
3/23/20 7:00 AM	0	52	600	139630
3/23/20 7:30 AM	0	52	600	139630
3/23/20 8:00 AM	0	52	601	139630
3/23/20 8:30 AM	0	52	601	139630
3/23/20 9:00 AM	0	52	601	139630
3/23/20 9:30 AM	0	52	600	139630
3/23/20 10:00 AM	0	52	600	139630
3/23/20 10:30 AM	0	52	600	139630
3/23/20 11:00 AM	0	52	600	139630
3/23/20 11:30 AM	0	53	600	139630
3/23/20 12:00 PM	0	53	600	139630
3/23/20 12:30 PM	0	53	600	139630
3/23/20 1:00 PM	0	53	600	139630
3/23/20 1:30 PM	0	53	599	139630
3/23/20 2:00 PM	0	53	600	139630
3/23/20 2:30 PM	0	53	600	139630
3/23/20 3:00 PM	0	53	599	139630
3/23/20 3:30 PM	0	53	599	139630
3/23/20 4:00 PM	0	53	599	139630
3/23/20 4:30 PM	0	53	599	139630
3/23/20 5:00 PM	0	53	599	139630
3/23/20 5:30 PM	0	53	600	139630
3/23/20 6:00 PM	0	53	599	139630
3/23/20 6:30 PM	0	53	599	139630
3/23/20 7:00 PM	0	53	599	139630
3/23/20 7:30 PM	0	53	599	139630
3/23/20 8:00 PM	0	54	599	139630

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/23/20 8:30 PM	0	54	599	139630
3/23/20 9:00 PM	0	54	599	139630
3/23/20 9:30 PM	0	53	599	139630
3/23/20 10:00 PM	0	53	599	139630
3/23/20 10:30 PM	0	53	599	139630
3/23/20 11:00 PM	0	53	599	139630
3/23/20 11:30 PM	0	53	599	139630
3/24/20 12:00 AM	0	53	599	139630
3/24/20 12:30 AM	0	53	599	139630
3/24/20 1:00 AM	0	53	599	139630
3/24/20 1:30 AM	0	53	599	139630
3/24/20 2:00 AM	0	53	599	139630
3/24/20 2:30 AM	0	53	599	139630
3/24/20 3:00 AM	0	53	598	139630
3/24/20 3:30 AM	0	53	598	139630
3/24/20 4:00 AM	0	53	598	139630
3/24/20 4:30 AM	0	53	598	139630
3/24/20 5:00 AM	0	53	598	139630
3/24/20 5:30 AM	0	53	598	139630
3/24/20 6:00 AM	0	53	598	139630
3/24/20 6:30 AM	0	52	598	139630
3/24/20 7:00 AM	0	52	598	139630
3/24/20 7:30 AM	0	52	598	139630
3/24/20 8:00 AM	0	52	598	139630
3/24/20 8:30 AM	0	52	598	139630
3/24/20 9:00 AM	0	52	598	139630
3/24/20 9:30 AM	0	52	598	139630
3/24/20 10:00 AM	0	52	598	139630
3/24/20 10:30 AM	0	52	598	139630
3/24/20 11:00 AM	0	53	597	139630
3/24/20 11:30 AM	0	53	597	139630
3/24/20 12:00 PM	0	53	597	139630
3/24/20 12:30 PM	0	53	597	139630
3/24/20 1:00 PM	0	53	597	139630
3/24/20 1:30 PM	34	-2	913	139648
3/24/20 2:00 PM	33	<-6	993	139673
3/24/20 2:30 PM	33	<-6	1036	139696
3/24/20 3:00 PM	34	<-6	1069	139720
3/24/20 3:30 PM	34	<-6	1094	139744

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/24/20 4:00 PM	32	<-6	1112	139768
3/24/20 4:30 PM	34	<-6	1127	139792
3/24/20 5:00 PM	34	<-6	1139	139815
3/24/20 5:30 PM	34	<-6	1151	139839
3/24/20 6:00 PM	33	<-6	1161	139862
3/24/20 6:30 PM	33	<-6	1171	139886
3/24/20 7:00 PM	33	<-6	1179	139909
3/24/20 7:30 PM	34	<-6	1187	139933
3/24/20 8:00 PM	33	<-6	1193	139956
3/24/20 8:30 PM	33	<-6	1197	139979
3/24/20 9:00 PM	33	<-6	1202	140002
3/24/20 9:30 PM	33	<-6	1208	140025
3/24/20 10:00 PM	32	<-6	1213	140048
3/24/20 10:30 PM	32	<-6	1218	140071
3/24/20 11:00 PM	32	<-6	1224	140094
3/24/20 11:30 PM	33	<-6	1228	140117
3/25/20 12:00 AM	33	<-6	1233	140140
3/25/20 12:30 AM	33	<-6	1239	140163
3/25/20 1:00 AM	33	<-6	1243	140186
3/25/20 1:30 AM	31	<-6	1248	140208
3/25/20 2:00 AM	30	<-6	1251	140231
3/25/20 2:30 AM	32	<-6	1255	140254
3/25/20 3:00 AM	31	<-6	1260	140277
3/25/20 3:30 AM	32	<-6	1264	140300
3/25/20 4:00 AM	31	<-6	1268	140322
3/25/20 4:30 AM	30	<-6	1271	140345
3/25/20 5:00 AM	32	<-6	1275	140368
3/25/20 5:30 AM	33	<-6	1278	140391
3/25/20 6:00 AM	31	<-6	1281	140413
3/25/20 6:30 AM	33	<-6	1285	140436
3/25/20 7:00 AM	32	<-6	1288	140458
3/25/20 7:30 AM	32	<-6	1291	140481
3/25/20 8:00 AM	29	<-6	1290	140503
3/25/20 8:30 AM	32	<-6	1290	140525
3/25/20 9:00 AM	32	<-6	1292	140547
3/25/20 9:30 AM	31	<-6	1294	140569
3/25/20 10:00 AM	29	<-6	1297	140591
3/25/20 10:30 AM	31	<-6	1300	140613
3/25/20 11:00 AM	29	<-6	1302	140635

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/25/20 11:30 AM	31	<-6	1304	140656
3/25/20 12:00 PM	31	<-6	1306	140678
3/25/20 12:30 PM	30	<-6	1308	140700
3/25/20 1:00 PM	29	<-6	1310	140721
3/25/20 1:30 PM	29	<-6	1312	140743
3/25/20 2:00 PM	29	<-6	1315	140764
3/25/20 2:30 PM	28	<-6	1317	140786
3/25/20 3:00 PM	30	<-6	1319	140807
3/25/20 3:30 PM	30	<-6	1321	140829
3/25/20 4:00 PM	31	<-6	1324	140850
3/25/20 4:30 PM	30	<-6	1327	140872
3/25/20 5:00 PM	28	<-6	1328	140893
3/25/20 5:30 PM	31	<-6	1328	140915
3/25/20 6:00 PM	28	<-6	1331	140936
3/25/20 6:30 PM	28	<-6	1333	140957
3/25/20 7:00 PM	30	<-6	1336	140978
3/25/20 7:30 PM	30	<-6	1338	140999
3/25/20 8:00 PM	31	<-6	1340	141020
3/25/20 8:30 PM	29	<-6	1342	141041
3/25/20 9:00 PM	30	<-6	1345	141063
3/25/20 9:30 PM	30	<-6	1347	141084
3/25/20 10:00 PM	30	<-6	1349	141105
3/25/20 10:30 PM	29	<-6	1351	141126
3/25/20 11:00 PM	28	<-6	1352	141147
3/25/20 11:30 PM	30	<-6	1354	141168
3/26/20 12:00 AM	29	<-6	1356	141189
3/26/20 12:30 AM	29	<-6	1357	141210
3/26/20 1:00 AM	30	<-6	1359	141231
3/26/20 1:30 AM	30	<-6	1361	141252
3/26/20 2:00 AM	30	<-6	1363	141273
3/26/20 2:30 AM	30	<-6	1365	141293
3/26/20 3:00 AM	29	<-6	1366	141314
3/26/20 3:30 AM	28	<-6	1368	141335
3/26/20 4:00 AM	30	<-6	1371	141356
3/26/20 4:30 AM	30	<-6	1372	141377
3/26/20 5:00 AM	29	<-6	1374	141398
3/26/20 5:30 AM	30	<-6	1376	141419
3/26/20 6:00 AM	30	<-6	1378	141440
3/26/20 6:30 AM	30	<-6	1380	141460

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/26/20 7:00 AM	30	<-6	1382	141481
3/26/20 7:30 AM	28	<-6	1383	141502
3/26/20 8:00 AM	30	<-6	1385	141523
3/26/20 8:30 AM	29	<-6	1387	141544
3/26/20 9:00 AM	29	<-6	1388	141564
3/26/20 9:30 AM	30	<-6	1390	141585
3/26/20 10:00 AM	29	<-6	1391	141606
3/26/20 10:30 AM	0	<-6	1170	141612
3/26/20 11:00 AM	0	<-6	1102	141612
3/26/20 11:30 AM	0	<-6	1062	141612
3/26/20 12:00 PM	0	<-6	1032	141612
3/26/20 12:30 PM	0	<-6	1009	141612
3/26/20 1:00 PM	0	<-6	990	141612
3/26/20 1:30 PM	0	<-6	974	141612
3/26/20 2:00 PM	0	<-6	961	141612
3/26/20 2:30 PM	0	<-6	948	141612
3/26/20 3:00 PM	0	<-6	937	141612
3/26/20 3:30 PM	0	<-6	928	141612
3/26/20 4:00 PM	0	<-6	919	141612
3/26/20 4:30 PM	0	<-6	910	141612
3/26/20 5:00 PM	0	<-6	903	141612
3/26/20 5:30 PM	0	<-6	896	141612
3/26/20 6:00 PM	0	<-6	889	141612
3/26/20 6:30 PM	0	<-6	883	141612
3/26/20 7:00 PM	0	<-6	877	141612
3/26/20 7:30 PM	0	<-6	872	141612
3/26/20 8:00 PM	0	<-6	867	141612
3/26/20 8:30 PM	0	<-6	862	141612
3/26/20 9:00 PM	0	<-6	857	141612
3/26/20 9:30 PM	0	<-6	853	141612
3/26/20 10:00 PM	0	<-6	849	141612
3/26/20 10:30 PM	0	<-6	845	141612
3/26/20 11:00 PM	0	<-6	841	141612
3/26/20 11:30 PM	0	<-6	837	141612
3/27/20 12:00 AM	0	<-6	834	141612
3/27/20 12:30 AM	0	<-6	831	141612
3/27/20 1:00 AM	0	<-6	827	141612
3/27/20 1:30 AM	0	<-6	824	141612
3/27/20 2:00 AM	0	<-6	821	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/27/20 2:30 AM	0	<-6	818	141612
3/27/20 3:00 AM	0	<-6	815	141612
3/27/20 3:30 AM	0	<-6	812	141612
3/27/20 4:00 AM	0	<-6	810	141612
3/27/20 4:30 AM	0	<-6	807	141612
3/27/20 5:00 AM	0	<-6	805	141612
3/27/20 5:30 AM	0	<-6	802	141612
3/27/20 6:00 AM	0	<-6	800	141612
3/27/20 6:30 AM	0	<-6	798	141612
3/27/20 7:00 AM	0	<-6	796	141612
3/27/20 7:30 AM	0	<-6	794	141612
3/27/20 8:00 AM	0	<-6	792	141612
3/27/20 8:30 AM	0	<-6	789	141612
3/27/20 9:00 AM	0	<-6	788	141612
3/27/20 9:30 AM	0	<-6	786	141612
3/27/20 10:00 AM	0	<-6	784	141612
3/27/20 10:30 AM	0	<-6	782	141612
3/27/20 11:00 AM	0	<-6	780	141612
3/27/20 11:30 AM	0	<-6	778	141612
3/27/20 12:00 PM	0	<-6	776	141612
3/27/20 12:30 PM	0	<-6	775	141612
3/27/20 1:00 PM	0	<-6	773	141612
3/27/20 1:30 PM	0	<-6	771	141612
3/27/20 2:00 PM	0	<-6	770	141612
3/27/20 2:30 PM	0	<-6	768	141612
3/27/20 3:00 PM	0	<-6	767	141612
3/27/20 3:30 PM	0	<-6	766	141612
3/27/20 4:00 PM	0	<-6	765	141612
3/27/20 4:30 PM	0	<-6	763	141612
3/27/20 5:00 PM	0	<-6	761	141612
3/27/20 5:30 PM	0	<-6	760	141612
3/27/20 6:00 PM	0	<-6	759	141612
3/27/20 6:30 PM	0	<-6	757	141612
3/27/20 7:00 PM	0	<-6	756	141612
3/27/20 7:30 PM	0	<-6	755	141612
3/27/20 8:00 PM	0	<-6	754	141612
3/27/20 8:30 PM	0	-5	753	141612
3/27/20 9:00 PM	0	-5	751	141612
3/27/20 9:30 PM	0	-5	750	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/27/20 10:00 PM	0	-5	749	141612
3/27/20 10:30 PM	0	-5	748	141612
3/27/20 11:00 PM	0	-5	747	141612
3/27/20 11:30 PM	0	-5	746	141612
3/28/20 12:00 AM	0	-5	745	141612
3/28/20 12:30 AM	0	-5	744	141612
3/28/20 1:00 AM	0	-5	743	141612
3/28/20 1:30 AM	0	-5	742	141612
3/28/20 2:00 AM	0	-5	741	141612
3/28/20 2:30 AM	0	-5	740	141612
3/28/20 3:00 AM	0	-5	739	141612
3/28/20 3:30 AM	0	-4	738	141612
3/28/20 4:00 AM	0	-4	737	141612
3/28/20 4:30 AM	0	-4	736	141612
3/28/20 5:00 AM	0	-4	735	141612
3/28/20 5:30 AM	0	-4	734	141612
3/28/20 6:00 AM	0	-4	733	141612
3/28/20 6:30 AM	0	-4	732	141612
3/28/20 7:00 AM	0	-4	732	141612
3/28/20 7:30 AM	0	-4	731	141612
3/28/20 8:00 AM	0	-4	730	141612
3/28/20 8:30 AM	0	-4	730	141612
3/28/20 9:00 AM	0	-4	729	141612
3/28/20 9:30 AM	0	-4	728	141612
3/28/20 10:00 AM	0	-3	727	141612
3/28/20 10:30 AM	0	-3	726	141612
3/28/20 11:00 AM	0	-3	725	141612
3/28/20 11:30 AM	0	-3	724	141612
3/28/20 12:00 PM	0	-3	724	141612
3/28/20 12:30 PM	0	-3	723	141612
3/28/20 1:00 PM	0	-3	722	141612
3/28/20 1:30 PM	0	-3	721	141612
3/28/20 2:00 PM	0	-3	721	141612
3/28/20 2:30 PM	0	-3	720	141612
3/28/20 3:00 PM	0	-3	720	141612
3/28/20 3:30 PM	0	-2	719	141612
3/28/20 4:00 PM	0	-2	718	141612
3/28/20 4:30 PM	0	-2	717	141612
3/28/20 5:00 PM	0	-2	717	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/28/20 5:30 PM	0	-2	716	141612
3/28/20 6:00 PM	0	-2	715	141612
3/28/20 6:30 PM	0	-2	715	141612
3/28/20 7:00 PM	0	-2	714	141612
3/28/20 7:30 PM	0	-2	713	141612
3/28/20 8:00 PM	0	-2	713	141612
3/28/20 8:30 PM	0	-2	712	141612
3/28/20 9:00 PM	0	-1	712	141612
3/28/20 9:30 PM	0	-1	711	141612
3/28/20 10:00 PM	0	-1	711	141612
3/28/20 10:30 PM	0	-1	710	141612
3/28/20 11:00 PM	0	-1	710	141612
3/28/20 11:30 PM	0	-1	709	141612
3/29/20 12:00 AM	0	-1	708	141612
3/29/20 12:30 AM	0	-1	708	141612
3/29/20 1:00 AM	0	-1	707	141612
3/29/20 1:30 AM	0	-1	707	141612
3/29/20 2:00 AM	0	-1	706	141612
3/29/20 2:30 AM	0	-1	706	141612
3/29/20 3:00 AM	0	0	705	141612
3/29/20 3:30 AM	0	0	705	141612
3/29/20 4:00 AM	0	0	704	141612
3/29/20 4:30 AM	0	0	704	141612
3/29/20 5:00 AM	0	0	703	141612
3/29/20 5:30 AM	0	0	703	141612
3/29/20 6:00 AM	0	0	702	141612
3/29/20 6:30 AM	0	0	702	141612
3/29/20 7:00 AM	0	0	701	141612
3/29/20 7:30 AM	0	0	701	141612
3/29/20 8:00 AM	0	0	700	141612
3/29/20 8:30 AM	0	0	700	141612
3/29/20 9:00 AM	0	0	700	141612
3/29/20 9:30 AM	0	1	699	141612
3/29/20 10:00 AM	0	1	699	141612
3/29/20 10:30 AM	0	1	698	141612
3/29/20 11:00 AM	0	1	698	141612
3/29/20 11:30 AM	0	1	697	141612
3/29/20 12:00 PM	0	1	697	141612
3/29/20 12:30 PM	0	1	696	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/29/20 1:00 PM	0	1	696	141612
3/29/20 1:30 PM	0	1	695	141612
3/29/20 2:00 PM	0	1	695	141612
3/29/20 2:30 PM	0	2	694	141612
3/29/20 3:00 PM	0	2	694	141612
3/29/20 3:30 PM	0	2	694	141612
3/29/20 4:00 PM	0	2	693	141612
3/29/20 4:30 PM	0	2	693	141612
3/29/20 5:00 PM	0	2	692	141612
3/29/20 5:30 PM	0	2	692	141612
3/29/20 6:00 PM	0	2	691	141612
3/29/20 6:30 PM	0	2	691	141612
3/29/20 7:00 PM	0	3	691	141612
3/29/20 7:30 PM	0	3	690	141612
3/29/20 8:00 PM	0	3	690	141612
3/29/20 8:30 PM	0	3	690	141612
3/29/20 9:00 PM	0	3	689	141612
3/29/20 9:30 PM	0	3	689	141612
3/29/20 10:00 PM	0	3	689	141612
3/29/20 10:30 PM	0	3	688	141612
3/29/20 11:00 PM	0	3	688	141612
3/29/20 11:30 PM	0	3	687	141612
3/30/20 12:00 AM	0	3	687	141612
3/30/20 12:30 AM	0	4	687	141612
3/30/20 1:00 AM	0	4	686	141612
3/30/20 1:30 AM	0	4	686	141612
3/30/20 2:00 AM	0	4	686	141612
3/30/20 2:30 AM	0	4	685	141612
3/30/20 3:00 AM	0	4	685	141612
3/30/20 3:30 AM	0	4	685	141612
3/30/20 4:00 AM	0	4	684	141612
3/30/20 4:30 AM	0	4	684	141612
3/30/20 5:00 AM	0	4	684	141612
3/30/20 5:30 AM	0	4	683	141612
3/30/20 6:00 AM	0	4	683	141612
3/30/20 6:30 AM	0	5	683	141612
3/30/20 7:00 AM	0	5	682	141612
3/30/20 7:30 AM	0	5	682	141612
3/30/20 8:00 AM	0	5	682	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/30/20 8:30 AM	0	5	681	141612
3/30/20 9:00 AM	0	5	681	141612
3/30/20 9:30 AM	0	5	681	141612
3/30/20 10:00 AM	0	5	680	141612
3/30/20 10:30 AM	0	5	680	141612
3/30/20 11:00 AM	0	5	679	141612
3/30/20 11:30 AM	0	5	679	141612
3/30/20 12:00 PM	0	6	679	141612
3/30/20 12:30 PM	0	6	679	141612
3/30/20 1:00 PM	0	6	678	141612
3/30/20 1:30 PM	0	6	678	141612
3/30/20 2:00 PM	0	6	678	141612
3/30/20 2:30 PM	0	6	677	141612
3/30/20 3:00 PM	0	6	677	141612
3/30/20 3:30 PM	0	6	677	141612
3/30/20 4:00 PM	0	6	677	141612
3/30/20 4:30 PM	0	7	676	141612
3/30/20 5:00 PM	0	7	676	141612
3/30/20 5:30 PM	0	7	676	141612
3/30/20 6:00 PM	0	7	675	141612
3/30/20 6:30 PM	0	7	675	141612
3/30/20 7:00 PM	0	7	675	141612
3/30/20 7:30 PM	0	7	674	141612
3/30/20 8:00 PM	0	7	674	141612
3/30/20 8:30 PM	0	7	674	141612
3/30/20 9:00 PM	0	8	674	141612
3/30/20 9:30 PM	0	8	674	141612
3/30/20 10:00 PM	0	8	673	141612
3/30/20 10:30 PM	0	8	673	141612
3/30/20 11:00 PM	0	8	673	141612
3/30/20 11:30 PM	0	8	672	141612
3/31/20 12:00 AM	0	8	672	141612
3/31/20 12:30 AM	0	8	672	141612
3/31/20 1:00 AM	0	8	672	141612
3/31/20 1:30 AM	0	8	671	141612
3/31/20 2:00 AM	0	8	671	141612
3/31/20 2:30 AM	0	8	671	141612
3/31/20 3:00 AM	0	8	671	141612
3/31/20 3:30 AM	0	8	670	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/31/20 4:00 AM	0	9	670	141612
3/31/20 4:30 AM	0	9	670	141612
3/31/20 5:00 AM	0	9	670	141612
3/31/20 5:30 AM	0	9	669	141612
3/31/20 6:00 AM	0	9	669	141612
3/31/20 6:30 AM	0	9	669	141612
3/31/20 7:00 AM	0	9	669	141612
3/31/20 7:30 AM	0	9	668	141612
3/31/20 8:00 AM	0	9	669	141612
3/31/20 8:30 AM	0	9	668	141612
3/31/20 9:00 AM	0	9	668	141612
3/31/20 9:30 AM	0	9	668	141612
3/31/20 10:00 AM	0	10	667	141612
3/31/20 10:30 AM	0	10	667	141612
3/31/20 11:00 AM	0	10	667	141612
3/31/20 11:30 AM	0	10	667	141612
3/31/20 12:00 PM	0	10	666	141612
3/31/20 12:30 PM	0	10	666	141612
3/31/20 1:00 PM	0	10	666	141612
3/31/20 1:30 PM	0	10	665	141612
3/31/20 2:00 PM	0	11	665	141612
3/31/20 2:30 PM	0	11	665	141612
3/31/20 3:00 PM	0	11	665	141612
3/31/20 3:30 PM	0	11	665	141612
3/31/20 4:00 PM	0	11	664	141612
3/31/20 4:30 PM	0	11	664	141612
3/31/20 5:00 PM	0	12	664	141612
3/31/20 5:30 PM	0	12	663	141612
3/31/20 6:00 PM	0	12	663	141612
3/31/20 6:30 PM	0	12	663	141612
3/31/20 7:00 PM	0	12	663	141612
3/31/20 7:30 PM	0	12	663	141612
3/31/20 8:00 PM	0	12	662	141612
3/31/20 8:30 PM	0	12	662	141612
3/31/20 9:00 PM	0	12	662	141612
3/31/20 9:30 PM	0	12	662	141612
3/31/20 10:00 PM	0	12	662	141612
3/31/20 10:30 PM	0	13	662	141612
3/31/20 11:00 PM	0	13	661	141612

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/31/20 11:30 PM	0	13	661	141612
4/1/20 12:00 AM	0	13	661	141612

ATTACHMENT E

Groundwater Monitoring Well Data Summary

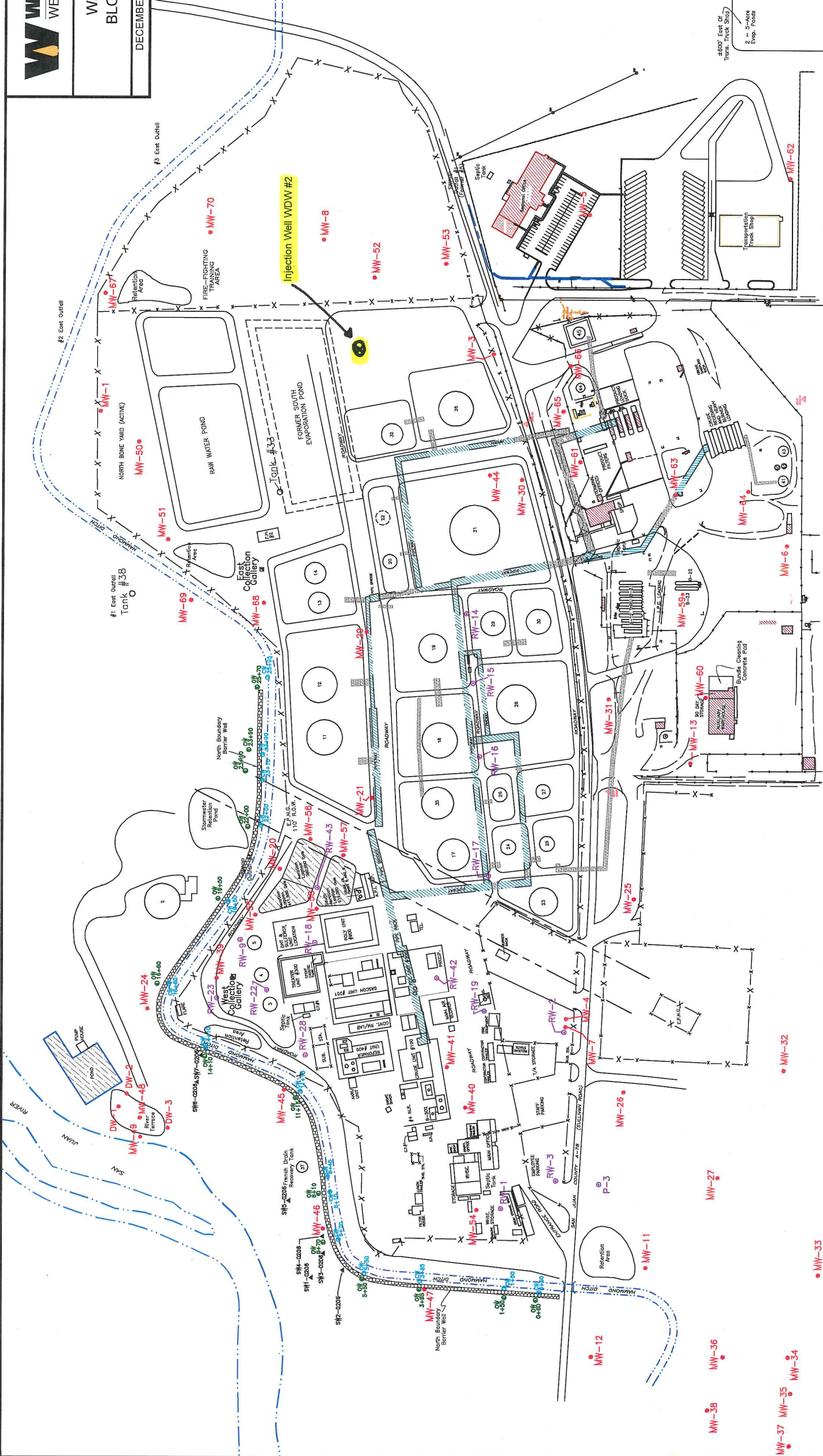
Attachment E – Monitoring Well Information

Western Refining Southwest, Inc. – Bloomfield Terminal (“Western”) has contracted with a third-party consultant to install an additional monitoring well downstream and within proximity to WDW #2 pursuant to Injection Well Permit UICI-011 Condition 2.A.1. The field activities were initially scheduled to occur in April 2020, coinciding with the scheduled facility groundwater sampling activities. Pursuant to Governor Michelle Lujan Grisham’s March 11, 2020 Executive Order 2020-004 declaring a State of Public Health Emergency as part of the State’s efforts to respond to the novel coronavirus (COVID-19), Marathon Petroleum Company, the parent company to Western Refining Southwest, Inc., submitted a letter to the New Mexico agencies requesting temporary relief from conducted the drilling activities in an effort to minimize risk of exposure to COVID-19 to field personnel. Therefore, field activities have been delayed. Western will be providing an up-dated schedule to NMOCD once State restrictions are lifted.

WDW #2 is a positive pressure injection well located within the eastern portion of the Terminal, north of County Road 4990. Groundwater sampling and field monitoring activities are conducted semi-annually at the Bloomfield Terminal pursuant to the requirements outlined in Section 2.F. of the Discharge Permit GW-001. Based on the groundwater contours in this area, groundwater flow within the uppermost water-bearing unit (i.e. Jackson Lake Terrace Formation) flows primarily in the northwest direction. Using the existing groundwater monitoring network of wells at the Terminal, monitoring well (MW) 52 and MW 68 represent the closes monitoring location upstream and downstream of WDW #2, respectively. The sampling results from groundwater monitoring activities conducted in 2019 support the following:

- Groundwater elevations collected upstream and downstream of WDW #2 remain consistent with previous years of elevation data. There is no indicated that the higher-pressure waters within the injection well system are impacting the upper-most water bearing unit.
- Chlorides concentrations detected in waters injected into WDW #2 were above the New Mexico WQCC standard of 250 mg/L. The March 2020 analytical results for samples collected at WDW #2 indicated a chloride concentration of approximately 1,200 mg/L. The chloride construction adjacent to WDW #2 for waters within the uppermost water-bearing unit is approximately 500 ppm based on the chloride concentration map included in the 2019 Annual Report (see attached). The downstream monitoring well concentration at MW 68 was 50 mg/L in August 2019. These results within the uppermost water-bearing unit are consistent to previously results reported, and therefore there is no indication that the waters from WDW #2 are contributing or affecting the shallow water-bearing unit.

Based on the results collected from upstream and downstream monitoring wells within the vicinity of WDW #2, there is no indication that the wastewaters injected are impacting the uppermost water-bearing unit.



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
- P-2 SURFACE WATER DRAINAGE PATTERN

- UNDER GROUND PIPE-WAY
- ABOVE GROUND PIPE-WAY
- SLURRY BARRIER WALL
- FORMER TANK LOCATION

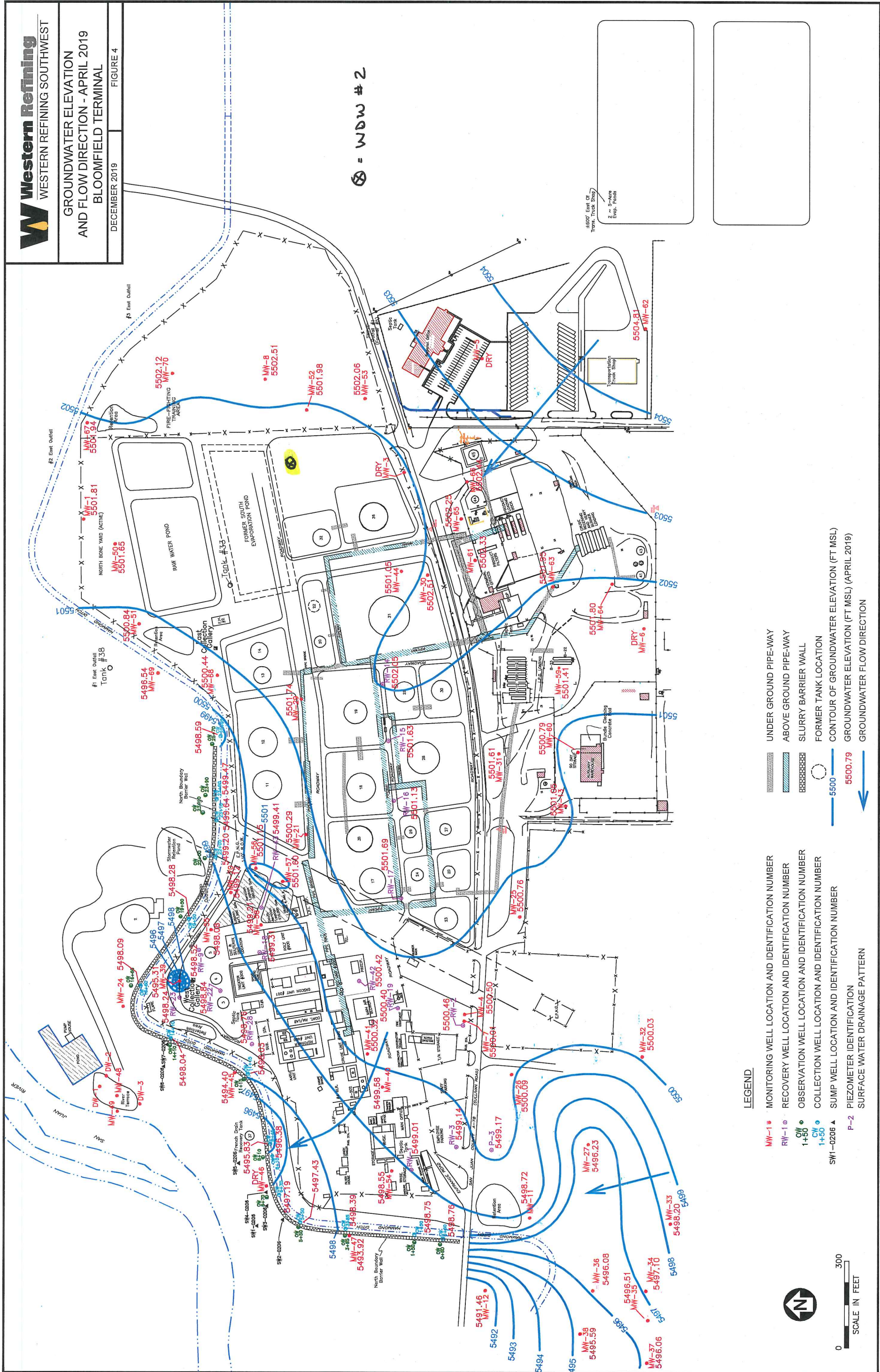


0 300
SCALE IN FEET

±550' East Of
Trans. Truck Shop
2 ± 5-Acre
Evap. Ponds

±550' East Of
Trans. Truck Shop
2 ± 5-Acre
Evap. Ponds

⊗ = WDW #2



LEGEND

- MW-1-62 MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- RW-1-30 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

- UNDER GROUND PIPE-WAY
- ABOVE GROUND PIPE-WAY
- SLURRY BARRIER WALL
- FORMER TANK LOCATION
- CONTOUR OF GROUNDWATER ELEVATION (FT MSL)
- GROUNDWATER ELEVATION (FT MSL) (APRIL 2019)
- GROUNDWATER FLOW DIRECTION

0 300
SCALE IN FEET

TABLE 1
Fluid Level Measurements Summary
2019 Groundwater Remediation and Monitoring Annual Report

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-46	08/19/19	5504.65	10.19	NPP	NWP	NWP	NPP
	04/02/19	5504.65	10.00	NPP	NWP	NWP	NPP
	08/01/18	5504.65	10.10	NPP	NWP	NWP	NPP
	04/17/18	5504.65	10.10	NPP	10.10	5494.55	NPP
	08/24/17	5504.65	10.09	NPP	10.08	5494.57	NPP
	04/17/17	5504.65	10.39	NPP	NWP	NWP	NPP
	08/15/16	5504.65	10.39	NPP	NWP	NWP	NPP
	04/15/16	5504.65	10.39	NPP	10.03	5494.62	NPP
	08/13/15	5504.65	10.39	NPP	9.94	5494.71	NPP
	04/27/15	5504.65	10.39	NPP	9.94	5494.71	NPP
MW-47	08/19/19	5506.77	14.18	NPP	13.42	5493.35	NPP
	04/02/19	5506.77	14.10	NPP	12.85	5493.92	NPP
	08/01/18	5506.77	14.11	NPP	13.30	5493.47	NPP
	04/17/18	5506.77	14.12	NPP	13.17	5493.60	NPP
	08/23/17	5506.77	14.11	NPP	12.96	5493.81	NPP
	04/17/17	5506.77	14.28	NPP	12.60	5494.17	NPP
	08/15/16	5506.77	14.28	NPP	12.14	5494.63	NPP
	04/15/16	5506.77	14.28	NPP	12.55	5494.22	NPP
	08/13/15	5506.77	14.28	NPP	11.82	5494.95	NPP
	04/21/15	5506.77	14.28	NPP	12.23	5494.54	NPP
MW-50	08/19/19	5518.79	22.02	NPP	16.73	5502.06	NPP
	04/01/19	5518.79	21.94	NPP	17.14	5501.65	NPP
	08/01/18	5518.79	22.11	NPP	18.02	5500.77	NPP
	04/16/18	5518.79	22.07	NPP	17.30	5501.49	NPP
	08/22/17	5518.79	22.07	NPP	17.04	5501.75	NPP
	04/18/17	5518.79	20.00	NPP	17.42	5501.37	NPP
	08/15/16	5518.79	20.00	NPP	16.50	5502.29	NPP
	04/15/16	5518.79	20.00	NPP	16.87	5501.92	NPP
	08/13/15	5518.79	20.00	NPP	16.62	5502.17	NPP
	04/27/15	5518.79	20.00	NPP	16.67	5502.12	NPP
MW-51	08/19/19	5515.58	22.05	NPP	14.36	5501.22	NPP
	04/01/19	5515.58	22.11	NPP	14.74	5500.84	NPP
	08/01/18	5515.58	22.13	NPP	15.31	5500.27	NPP
	04/16/18	5515.58	22.14	NPP	15.00	5500.58	NPP
	08/22/17	5515.58	22.11	NPP	14.01	5501.57	NPP
	04/18/17	5515.58	20.00	NPP	14.93	5500.65	NPP
	08/15/16	5515.58	20.00	NPP	14.18	5501.40	NPP
	04/15/16	5515.58	20.00	NPP	14.79	5500.79	NPP
	08/13/15	5515.58	20.00	NPP	14.37	5501.21	NPP
	04/27/15	5515.58	20.00	NPP	14.52	5501.06	NPP
MW-52	08/19/19	5538.63	41.73	NPP	36.13	5502.50	NPP
	04/01/19	5538.63	41.66	NPP	36.65	5501.98	NPP
	08/01/18	5538.63	41.72	NPP	36.92	5501.71	NPP
	04/16/18	5538.63	41.71	NPP	36.78	5501.85	NPP
	08/22/17	5538.63	41.68	NPP	36.45	5502.18	NPP
	04/18/17	5538.63	41.00	NPP	36.49	5502.14	NPP
	08/16/16	5538.63	41.00	NPP	36.17	5502.46	NPP
	04/15/16	5538.63	41.00	NPP	36.19	5502.44	NPP
	08/13/15	5538.63	41.00	NPP	36.00	5502.63	NPP
	04/20/15	5538.63	41.00	NPP	36.05	5502.58	NPP

TABLE 1
Fluid Level Measurements Summary
2019 Groundwater Remediation and Monitoring Annual Report

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-68	08/19/19	5517.37	21.07	NPP	16.53	5500.84	NPP
	04/01/19	5517.37	21.08	NPP	16.93	5500.44	NPP
	08/01/18	5517.37	21.10	NPP	17.33	5500.04	NPP
	04/16/18	5517.37	21.10	NPP	17.13	5500.24	NPP
	08/22/17	5517.37	21.10	NPP	16.72	5500.65	NPP
	04/18/17	5517.37	20.58	NPP	16.91	5500.46	NPP
	08/15/16	5517.37	20.58	NPP	16.20	5501.17	NPP
	04/15/16	5517.37	20.58	NPP	16.66	5500.71	NPP
	08/13/15	5517.37	20.58	NPP	16.23	5501.14	NPP
	04/27/15	5517.37	20.58	NPP	16.40	5500.97	NPP
MW-69	08/19/19	5508.51	11.95	NPP	NWP	NWP	NPP
	04/02/19	5508.51	12.02	NPP	11.97	5496.54	NPP
	08/18/18	5508.51	12.01	NPP	11.95	5496.56	NPP
	04/17/18	5508.51	12.01	NPP	11.94	5496.57	NPP
	08/22/17	5508.51	NM	NM	NM	NM	NM
	04/17/17	5508.51	12.08	NPP	11.90	5496.61	NPP
	08/15/16	5508.51	12.08	NPP	11.89	5496.62	NPP
	04/15/16	5508.51	12.08	NPP	11.89	5496.62	NPP
	08/13/15	5508.51	12.08	NPP	NWP	NWP	NPP
	04/27/15	5508.51	12.08	NPP	11.81	5496.70	NPP
MW-70	08/19/19	5527.96	28.71	NPP	25.19	5502.77	NPP
	04/01/19	5527.96	28.89	NPP	25.84	5502.12	NPP
	08/01/18	5527.96	28.94	NPP	26.36	5501.60	NPP
	04/16/18	5527.96	28.93	NPP	26.16	5501.80	NPP
	08/22/17	5527.96	28.89	NPP	25.83	5502.13	NPP
	04/18/17	5527.96	26.25	NPP	25.99	5501.97	NPP
	08/15/16	5508.51	26.25	NPP	25.43	5483.08	NPP
	04/15/16	5508.51	26.25	NPP	25.63	5482.88	NPP
	08/13/15	5527.96	26.25	NPP	25.29	5502.67	NPP
	04/27/15	5527.96	26.25	NPP	25.46	5502.50	NPP
MW-71	08/20/19	5529.08	38.09	NPP	29.86	5499.22	NPP
	04/01/19	5529.08	37.96	30.05	30.06	5499.03	0.01
	08/01/18	5529.08	37.98	30.20	30.24	5498.87	0.04
	04/16/18	5529.08	37.98	29.96	29.97	5499.12	0.01
	08/22/17	5529.08	37.96	NPP	29.85	5499.23	NPP
	04/17/17	5529.08	38.95	NPP	29.91	5499.17	NPP
	08/16/16	5529.08	38.95	30.14	30.26	5498.92	0.12
	04/15/16	5529.08	38.95	30.12	30.16	5498.95	0.04
	08/13/15	5529.08	38.95	30.05	30.15	5499.01	0.10
	04/28/15	5529.08	38.95	30.22	30.35	5498.83	0.13
MW-72	08/20/19	5528.54	34.85	28.38	28.51	5500.13	0.13
	04/01/19	5528.54	34.85	28.46	28.56	5500.06	0.10
	08/01/18	5528.54	34.94	28.78	29.98	5499.52	1.20
	04/16/18	5528.54	34.95	28.55	28.71	5499.96	0.16
	08/22/17	5528.54	34.91	28.33	28.37	5500.20	0.04
	04/17/17	5528.54	34.94	28.30	28.48	5500.20	0.18
	08/16/16	5528.54	34.94	28.51	28.90	5499.95	0.39
	04/15/16	5528.54	34.94	NPP	28.93	5499.61	NPP
	08/13/15	5528.54	34.94	NPP	28.66	5499.88	NPP
	04/28/15	5528.54	34.94	NPP	28.66	5499.88	NPP

TABLE 6
RCRA Wells Analytical Summary
2019 Groundwater Remediation and Monitoring Annual Report

Screening Levels		Source		**MW-66			MW-67			MW-68			**MW-69		MW-70		
				Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16
Volatile Organic Compounds (ug/L)																	
1,1,1,2-Tetrachloroethane	5.74	(4)															
1,1,1-Trichloroethane	5	(3)															
1,1,2,2-Tetrachloroethane	10	(3)															
1,1,2-Trichloroethane	5	(3)															
1,1-Dichloroethane	25	(3)															
1,1-Dichloroethene	7	(3)															
1,1-Dichloropropene	-																
1,2,3-Trichlorobenzene	7	(1)															
1,2,3-Trichloropropane	0.01	(4)															
1,2,4-Trichlorobenzene	11.55	(4)															
1,2,4-Trimethylbenzene	56	(1)															
1,2-Dibromo-3-chloropropane	0.2	(2)															
1,2-Dibromoethane (EDB)	0.05	(3)															
1,2-Dichlorobenzene	302	(4)															
1,2-Dichloroethane (EDC)	1.71	(4)															
1,2-Dichloropropane	4.376	(4)															
1,3,5-Trimethylbenzene	60	(1)															
1,3-Dichlorobenzene	-																
1,3-Dichloropropane	370	(1)															
1,4-Dichlorobenzene	75	(2)															
1-Methylnaphthalene	11	(5)															
2,2-Dichloropropane	-																
2-Butanone	5565	(4)															
2-Chlorotoluene	240	(1)															
2-Hexanone	-																
2-Methylnaphthalene	36	(1)															
4-Chlorotoluene	250	(1)															
4-Isopropyltoluene	-																
4-Methyl-2-pentanone	-																
Acetone	14064	(4)															
Benzene	5	(3)															
Bromobenzene	62	(1)															
Bromodichloromethane	1.34	(4)															
Bromoform	33	(5)															
Bromomethane	7.545	(4)															
Carbon disulfide	810	(4)															
Carbon Tetrachloride	5	(2)															
Chlorobenzene	100	(2)															
Chloroethane	20900	(4)															
Chloroform	2.29	(4)															
Chloromethane	20.3	(4)															
cis-1,2-DCE	70	(2)															
cis-1,3-Dichloropropene	4.7	(4)															
Dibromochloromethane	1.68	(4)															
Dibromomethane	8.3	(1)															
Dichlorodifluoromethane	197	(4)															
Ethylbenzene	700	(3)															
Hexachlorobutadiene	1.39	(4)															
Isopropylbenzene	447	(4)															
Methyl tert-butyl ether (MTBE)	100	(3)															
Methylene Chloride	5	(2)															
Naphthalene	1.65	(4)															
n-Butylbenzene	1000	(1)															
n-Propylbenzene	660	(1)															
sec-Butylbenzene	2000	(1)															
Styrene	100	(2)															
tert-Butylbenzene	690	(1)															
Tetrachloroethene (PCE)	5	(2)															
Toluene	1000	(3)															
trans-1,2-DCE	100	(2)															
trans-1,3-Dichloropropene	4.71	(4)															
Trichloroethene (TCE)	5	(2)															
Trichlorofluoromethane	1136	(4)															
Vinyl chloride	2	(3)															
Xylenes, Total	620	(3)															

TABLE 6
RCRA Wells Analytical Summary
2019 Groundwater Remediation and Monitoring Annual Report

Screening Levels	Source	**MW-66			MW-67			MW-68			**MW-69	MW-70				
		Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16	Aug-15
Semi-Volatile Organic Compounds (ug/L)																
1,2,4-Trichlorobenzene	70 (2)															
1,2-Dichlorobenzene	600 (2)															
1,3-Dichlorobenzene	-															
1,4-Dichlorobenzene	75 (2)															
1-Methylnaphthalene	11 (5)															
2,4,5-Trichlorophenol	1166 (4)															
2,4,6-Trichlorophenol	11.9 (4)															
2,4-Dichlorophenol	45.3 (4)															
2,4-Dimethylphenol	354 (4)															
2,4-Dinitrophenol	38.7 (4)															
2,4-Dinitrotoluene	2.375 (4)															
2,6-Dinitrotoluene	0.485 (4)															
2-Chloronaphthalene	733 (4)															
2-Chlorophenol	91 (4)															
2-Methylnaphthalene	36 (1)															
2-Methylphenol	930 (1)															
2-Nitroaniline	190 (1)															
2-Nitrophenol	-															
3,3'-Dichlorobenzidine	1.25 (4)															
3+4-Methylphenol	930 (1)															
3-Nitroaniline	-															
4,6-Dinitro-2-methylphenol	1.52 (4)															
4-Bromophenyl phenyl ether	-															
4-Chloro-3-methylphenol	-															
4-Chloroaniline	3.7 (5)															
4-Chlorophenyl phenyl ether	-															
4-Nitroaniline	38 (5)															
4-Nitrophenol	-															
Acenaphthene	535 (4)															
Acenaphthylene	-															
Aniline	130 (5)															
Anthracene	1721 (4)															
Azobenzene	1.2 (5)															
Benzo(a)anthracene	0.1199 (4)															
Benzo(a)pyrene	0.2 (2)															
Benzo(b)fluoranthene	0.3432 (4)															
Benzo(g,h,i)perylene	-															
Benzo(k)fluoranthene	3.43 (4)															
Benzoic acid	75000 (1)															
Benzyl alcohol	2000 (1)															
Bis(2-chloroethoxy)methane	59 (1)															
Bis(2-chloroethyl)ether	0.137 (4)															
Bis(2-chloroisopropyl)ether	9.81 (4)															
Bis(2-ethylhexyl)phthalate	6 (2)															
Butyl benzyl phthalate	160 (5)															
Carbazole	-															
Chrysene	34.3171 (4)															
Dibenz(a,h)anthracene	0.0343 (4)															
Dibenzofuran	-															
Diethyl phthalate	14800 (4)															
Dimethyl phthalate	-															
Di-n-butyl phthalate	885 (4)															
Di-n-octyl phthalate	-															
Fluoranthene	802 (4)															
Fluorene	288 (4)															
Hexachlorobenzene	0.0976 (4)															
Hexachlorobutadiene	1.387 (4)															
Hexachlorocyclopentadiene	0.411 (4)															
Hexachloroethane	3.2842 (4)															
Indeno(1,2,3-cd)pyrene	0.3432 (4)															
Isophorone	781 (4)															

TABLE 6
RCRA Wells Analytical Summary
2019 Groundwater Remediation and Monitoring Annual Report

Screening Levels	Source	**MW-66				MW-67				MW-68				**MW-69	MW-70			
		Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18	Aug-17	Aug-16	Aug-15	Aug-19	Aug-18
Naphthalene	(4)	1.65																
Nitrobenzene	(4)	1.4																
N-Nitrosodimethylamine	(4)	0.0049																
N-Nitrosodi-n-propylamine	(5)	0.11																
N-Nitrosodiphenylamine	(4)	121.922																
Pentachlorophenol	(4)	0.4129																
Phenanthrene	(4)	170.4146																
Phenol	(4)	5761																
Pyrene	(4)	117																
Pyridine	(1)	20																
General Chemistry (mg/L)																		
Fluoride	(3)	1.6																
Chloride	(3)	250																
Nitrite	(3)	1																
Bromide	-	-																
Nitrate	(3)	10																
Phosphorus	-	-																
Sulfate	(3)	600																
Carbon Dioxide (CO ₂)	-	-																
Alkalinity (CaCO ₃)	-	-																
Bicarbonate (CaCO ₃)	-	-																
Total Metals (mg/L)																		
Arsenic	(3)	0.01																
Barium	(3)	2.0																
Cadmium	(3)	0.005																
Chromium	(3)	0.05																
Lead	(3)	0.015																
Selenium	(3)	0.05																
Silver	(3)	0.05																
Mercury	(3)	0.002																
Dissolved Metals (mg/L)																		
Arsenic	(3)	0.01																
Barium	(3)	1.0																
Cadmium	(3)	0.005																
Calcium	-	-																
Chromium	(3)	0.05																
Copper	(3)	1																
Iron	(3)	1																
Lead	(3)	0.015																
Magnesium	-	-																
Manganese	(3)	0.2																
Potassium	-	-																
Selenium	(3)	0.05																
Silver	(3)	0.05																
Sodium	-	-																
Uranium	(3)	0.03																
Zinc	(3)	10																
Total Petroleum Hydrocarbons (mg/L)																		
Diesel Range Organics	(6)	0.0167																
Gasoline Range Organics	(6)	0.0101																
Motor Oil Range Organics	(6)	0.0858																

Notes:

- (1) EPA - Regional Screening Levels (November 2019) - Tap Water
- (2) EPA - Regional Screening Levels (April 2019) - MCL
- (3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3103 Standards for Ground Water of 10,000 mg/l TDS Concentration or less (December 2018)
- (4) NMED Tap Water Screening Level - Risk Assessment Guidance for Site Investigations and Remediation (February 2019)
- (5) EPA Screening Level - Tap Water x 10 for carcinogenic compounds
- (6) NMED SSG (June 2019)

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate = Laboratory analyzed for combined Nitrate (As N) + Nitrite (As N) to meet hold time
---	= Analysis not required and/or well contains = Analysis not required and/or well contains separate phase
	= Analytical result exceeds the respective s = Analytical result exceeds the respective screening level.
**	= Columns hidden when there are 4 or more = Columns hidden when there are 4 or more consecutive years recorded that analysis was not required and/or the well contained separate phase

From: [Chavez, Carl J. EMNRD](#)
To: ["Robinson, Kelly"](#)
Cc: [Griswold, Jim, EMNRD](#); [Wade, Gabriel, EMNRD](#)
Subject: UICI-011 Class I (NH) WDW-2 (30-045-35747) Marathon Petroleum Company- Bloomfield Terminal: QUARTERLY REPORT DECEMBER 2019
Date: Wednesday, February 19, 2020 9:10:00 AM

Kelly:

The New Mexico Oil Conservation Division (OCD) is in receipt of above subject quarterly report.

Based on the discharge permit and reporting requirements, OCD does not see that there is monitor well groundwater quality information included in the submittal.

Permit Condition 2.I.1.d: **Piezometer and monitor well information from Permit Condition 2.A.1.**

Permit Condition 2.A.1: Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). **Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost waterbearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.**

Therefore, OCD requires piezometer wells to triangulate the hydrogeological downgradient location for the monitor well as described above to be installed and the monitor well sampled in accordance with the permit **within 60 days of receipt of this communiqué.**

Please contact me if the piezometers and monitor well were installed, sampled, etc., but the information was inadvertently absent from the submittal, in which case, OCD needs to receive the information within **5 business days of receipt of this communiqué.**

Thank you.

Mr. Carl J. Chavez, CHMM (#13099)
New Mexico Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St Francis Drive
Santa Fe, New Mexico 87505
Ph. (505) 476-3490
E-mail: CarlJ.Chavez@state.nm.us

"Why not prevent pollution, minimize waste to reduce operating costs, reuse or recycle, and move forward with the rest of the Nation?" (To see how, go to: <http://www.emnrd.state.nm.us/OCD> and see "Publications")

February 14, 2020

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

UPS Tracker #: (NMOCD-Santa Fe)

RE: 4th Quarter 2019 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between October 1st, 2019 and December 31st, 2019, which includes the following:

- Attachment A: 2019 Quarterly Injection Well Table
- Attachment B: Analytical summary of quarterly samples collected in December 2019
- Attachment C: Copy of quarterly analytical report
- Attachment D: Summary of Well Operational Logs

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or krobinson3@marathonpetroleum.com

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

ATTACHMENT A

Quarterly Injection Well Report

TABLE 1

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL
P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT
DISCHARGE PERMIT UICI-011 (WDW #2)

U.L: H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2019	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	56,422	673,000	218,274	601	1,267	543	726	82	-5	42	28	23	25
FEB	0	789,000	210,252	563	1,424	601	760	114	-4	64	44	5	32
MAR	0	1,156,000	165,858	633	1,390	611	784	119	-2	62	34	20	25
APR	74,046	885,000	170,856	526	1,302	462	870	84	1	40	19	1	15
MAY	36,456	1,411,000	0	745	689	602	637	132	84	113	0	0	0
JUN	1,092	1,259,000	7,938	716	964	570	587	149	6	136	27	24	15
JUL	52,836	1,059,000	0	744	573	541	555	163	139	154	0	0	0
AUG	0	1,076,000	0	745	542	523	532	172	161	167	0	0	0
SEP	0	991,000	81,690	678	1,194	516	591	175	0	128	36	28	33
OCT	0	920,000	0	658	556	515	532	159	112	150	0	0	0
NOV	0	1,225,000	119,826	741	1,330	507	610	112	(5)	77	34	20	31
DEC	0	1,424,000	7,091	718	1,003	527	554	91	(6)	71	33	30	32
The total amount injected in 2019 is:			981,785	gallons									

CERTIFICATION: *Shelly Rowan* DATE: 2/13/2020

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2019 Quarterly Analytical Summary

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Volatile Organic Compounds (mg/L)				3/29/2019	6/26/2019	9/22/2019	12/31/2019***
D029	1,1-Dichloroethene	0.70	5	<0.70	<0.20	<0.20	<0.20
D028	1,2-Dichloroethane (EDC)	0.50	10	<0.50	<0.20	<0.20	<0.20
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.20	<0.20	<0.20
D035	2-Butanone (MEK)	200		<200	<0.20	<2.0	<2.0
D018	Benzene	0.50	10	<0.50	<0.50	<0.50	<0.50
D019	Carbon Tetrachloride	0.50	10	<0.50	<0.20	<0.20	<0.20
D021	Chlorobenzene	100		<100	<0.20	<0.20	<0.20
D022	Chloroform	6.0	100	<6.0	<0.20	<0.20	<0.20
D033	Hexachlorobutadiene	0.50		<0.50	<0.20	<0.20	<0.20
D039	Tetrachloroethene (PCE)	0.70	20	<0.70	<0.20	<0.20	<0.20
D040	Trichloroethene (TCE)	0.50	100	<0.50	<0.20	<0.20	<0.20
D043	Vinyl chloride	0.20	1	<0.20	<0.20	<0.20	<0.20
Semi-Volatile Organic Compounds (mg/L)							
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.050	<0.20	<0.20
D041	2,4,5-Trichlorophenol	400		<400	<0.050	<400	<400
D042	2,4,6-Trichlorophenol	2.0		<2.0	<0.050	<2.0	<2.0
D030	2,4-Dinitrotoluene	0.13		<0.13	<0.050	<0.13	<0.13
D023	2-Methylphenol (o-Cresol)	200		<200	0.067	<200	<200
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200	0.260	<200	<200
D032	Hexachlorobenzene	0.13		<0.13	<0.050	<0.13	<0.13
D033	Hexachlorobutadiene	0.50		<0.50	<0.050	<0.50	<0.50
D034	Hexachloroethane	3.0		<3.0	<0.050	<3.0	<3.0
D036	Nitrobenzene	2.0		<2.0	<0.050	<2.0	<2.0
D037	Pentachlorophenol	100		<100	<0.100	<100	<100
D038	Pyridine	5.0		<5.0	<0.050	<5.0	<5.0
General Chemistry (mg/L unless otherwise stated)							
	Specific Conductance (umhos/cm)			4500	4800	4700	1800
	Bromide			4.2	4.0	4.2	1.3
	Chloride		250 *	1300	1100	1100	270
	Fluoride			<10	<1.0	<0.50	<0.50
	Nitrate + Nitrite as N			<1.0	<2.0	<1.0	<1.0
	Phosphorus, Orthophosphate (As P)			<5.0	<5.0	<5.0	<2.5
	Sulfate		600 *	80	<5.0	34	72
	Total Dissolved Solids		10,000	3350	3410	2750	1170
	pH (pH Units)			6.72	4.9	7.7	7.48
	Bicarbonate (As CaCO3)			430.6	324.7	786.5	347.5
	Carbonate (As CaCO3)			<2.00	<2.00	<2.00	<2.0
	Total Alkalinity (as CaCO3)			430.6	327.7	786.5	347.5
	Oxidation-Reduction Potential (mV)			-45	27	160	-8
	Specific Gravity			1.001	0.9985	0.9968	0.9989
Total Metals (mg/L)							
D004	Arsenic	5.0		<5.0	<0.020	<0.020	<0.020
D005	Barium	100		<100	0.52	0.36	0.32
D006	Cadmium	1.0		<1.0	<0.0020	<0.0020	<0.0020
D007	Chromium	5.0		<5.0	<0.0060	<0.0060	<0.0060
D008	Lead	5.0		<5.0	<0.0050	<0.0050	<0.0050
D010	Selenium	1.0		<1.0	<0.050	<0.050	<0.050
D011	Silver	5.0		<5.0	<0.0050	<0.0050	<0.0050
D009	Mercury	0.2	0.002	<0.020	<0.0010	<0.00020	<0.00020
Dissolved Metals (mg/L)							
	Calcium		0.01	110	130	100	93
	Magnesium			42	44	47	24
	Potassium			<20	14	13	5
	Sodium			790	830	870	260
Ignitability, Corrosivity, and Reactivity							
D003	Reactive Cyanide (mg/L)			<0.0050	<0.0050	<0.0050	<0.0050
D003	Reactive Sulfide (mg/L)			<0.050	0.17	0.29	<0.050
D001	Ignitability (°F)	<140° F		>170	>170	>170	>170
D002	Corrosivity (pH Units)	≤2 or ≥12.5	6-9	6.7	4.98	7.48	7.1
Pesticides (mg/L)							
	Chlordane	0.03		<0.030	<0.005	<0.030	<0.030
Field Parameters							
	Temperature (°F)			65.5	78.44**	79.34	52.1

Notes:

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

** = Reported value was modified in 3Q2019 report to reflect degrees F as opposed to the initial degrees C reading.

*** = Water collected from injection well water source due to freezy temperatures.

APPENDIX C

Analytical Laboratory Report



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

January 20, 2020

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX:

RE: WDW Injection Well 2 Quarterly Sampling

OrderNo.: 2001002

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 1/2/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



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

Case Narrative

WO#: 2001002
Date: 1/20/2020

CLIENT: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Analytical Notes Regarding EPA Method 8270:

The laboratory control spike (LCS) had slightly low recovery for pentachlorophenol.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2001002

Date Reported: 1/20/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW Injection Well 2 Quarterly Sampli

Collection Date: 12/31/2019 5:00:00 PM

Lab ID: 2001002-001

Matrix: AQUEOUS

Received Date: 1/2/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES TCLP							Analyst: JME
Chlordane	ND	0.030		mg/L	1	1/14/2020 11:15:26 AM	49650
Surr: Decachlorobiphenyl	71.4	29.4-99.8		%Rec	1	1/14/2020 11:15:26 AM	49650
Surr: Tetrachloro-m-xylene	66.3	20.7-100		%Rec	1	1/14/2020 11:15:26 AM	49650
EPA METHOD 8270C TCLP							Analyst: JDC
2-Methylphenol	ND	200		mg/L	1	1/7/2020 11:40:12 AM	49628
3+4-Methylphenol	ND	200		mg/L	1	1/7/2020 11:40:12 AM	49628
2,4-Dinitrotoluene	ND	0.13		mg/L	1	1/7/2020 11:40:12 AM	49628
Hexachlorobenzene	ND	0.13		mg/L	1	1/7/2020 11:40:12 AM	49628
Hexachlorobutadiene	ND	0.50		mg/L	1	1/7/2020 11:40:12 AM	49628
Hexachloroethane	ND	3.0		mg/L	1	1/7/2020 11:40:12 AM	49628
Nitrobenzene	ND	2.0		mg/L	1	1/7/2020 11:40:12 AM	49628
Pentachlorophenol	ND	100		mg/L	1	1/7/2020 11:40:12 AM	49628
Pyridine	ND	5.0		mg/L	1	1/7/2020 11:40:12 AM	49628
2,4,5-Trichlorophenol	ND	400		mg/L	1	1/7/2020 11:40:12 AM	49628
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	1/7/2020 11:40:12 AM	49628
Cresols, Total	ND	200		mg/L	1	1/7/2020 11:40:12 AM	49628
Surr: 2-Fluorophenol	31.4	15-82.5		%Rec	1	1/7/2020 11:40:12 AM	49628
Surr: Phenol-d5	34.3	15-74.2		%Rec	1	1/7/2020 11:40:12 AM	49628
Surr: 2,4,6-Tribromophenol	39.9	18.6-118		%Rec	1	1/7/2020 11:40:12 AM	49628
Surr: Nitrobenzene-d5	71.9	30.4-106		%Rec	1	1/7/2020 11:40:12 AM	49628
Surr: 2-Fluorobiphenyl	59.3	15-104		%Rec	1	1/7/2020 11:40:12 AM	49628
Surr: 4-Terphenyl-d14	67.4	15-133		%Rec	1	1/7/2020 11:40:12 AM	49628
NOTES:							
*See the case narrative for notes.							
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	0.9989	0			1	1/16/2020 1:10:00 PM	R65858
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	0.50		mg/L	5	1/2/2020 8:10:47 PM	R65528
Chloride	270	10	*	mg/L	20	1/2/2020 8:23:12 PM	R65528
Bromide	1.3	0.50		mg/L	5	1/2/2020 8:10:47 PM	R65528
Phosphorus, Orthophosphate (As P)	ND	2.5	H	mg/L	5	1/3/2020 11:21:05 AM	R65559
Sulfate	72	2.5		mg/L	5	1/2/2020 8:10:47 PM	R65528
Nitrate+Nitrite as N	ND	1.0		mg/L	5	1/3/2020 12:10:43 PM	R65559
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	1800	5.0		µmhos/c	1	1/7/2020 2:06:59 PM	R65634
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO3)	347.5	20.00		mg/L Ca	1	1/7/2020 2:06:59 PM	R65634

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2001002

Date Reported: 1/20/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW Injection Well 2 Quarterly Sampli

Collection Date: 12/31/2019 5:00:00 PM

Lab ID: 2001002-001

Matrix: AQUEOUS

Received Date: 1/2/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM2320B: ALKALINITY							Analyst: JRR
Carbonate (As CaCO ₃)	ND	2.000		mg/L Ca	1	1/7/2020 2:06:59 PM	R65634
Total Alkalinity (as CaCO ₃)	347.5	20.00		mg/L Ca	1	1/7/2020 2:06:59 PM	R65634
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: JMT
Total Dissolved Solids	1170	40.0	*D	mg/L	1	1/6/2020 2:53:00 PM	49614
SM4500-H+B / 9040C: PH							Analyst: JRR
pH	7.48		H	pH units	1	1/7/2020 2:06:59 PM	R65634
EPA METHOD 7470: MERCURY							Analyst: pmf
Mercury	ND	0.00020		mg/L	1	1/7/2020 4:53:46 PM	49667
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: ELS
Arsenic	ND	0.020		mg/L	1	1/9/2020 8:28:51 AM	49636
Barium	0.32	0.020		mg/L	1	1/9/2020 8:28:51 AM	49636
Cadmium	ND	0.0020		mg/L	1	1/9/2020 8:28:51 AM	49636
Calcium	93	1.0		mg/L	1	1/9/2020 8:28:51 AM	49636
Chromium	ND	0.0060		mg/L	1	1/9/2020 8:28:51 AM	49636
Lead	ND	0.0050		mg/L	1	1/9/2020 8:28:51 AM	49636
Magnesium	24	1.0		mg/L	1	1/9/2020 8:28:51 AM	49636
Potassium	5.0	1.0		mg/L	1	1/9/2020 8:28:51 AM	49636
Selenium	ND	0.050		mg/L	1	1/9/2020 8:28:51 AM	49636
Silver	ND	0.0050		mg/L	1	1/9/2020 8:28:51 AM	49636
Sodium	260	5.0		mg/L	5	1/9/2020 10:08:43 AM	49636
EPA METHOD 8260B: VOLATILES							Analyst: CCM
Benzene	ND	0.50		mg/L	200	1/2/2020 4:21:00 PM	R65525
Toluene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Ethylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Methyl tert-butyl ether (MTBE)	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2,4-Trimethylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,3,5-Trimethylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2-Dichloroethane (EDC)	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2-Dibromoethane (EDB)	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Naphthalene	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
1-Methylnaphthalene	ND	0.80		mg/L	200	1/2/2020 4:21:00 PM	R65525
2-Methylnaphthalene	ND	0.80		mg/L	200	1/2/2020 4:21:00 PM	R65525
Acetone	ND	2.0		mg/L	200	1/2/2020 4:21:00 PM	R65525
Bromobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Bromodichloromethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Bromoform	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Bromomethane	ND	0.60		mg/L	200	1/2/2020 4:21:00 PM	R65525

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2001002

Date Reported: 1/20/2020

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW Injection Well 2 Quarterly Sampli

Collection Date: 12/31/2019 5:00:00 PM

Lab ID: 2001002-001

Matrix: AQUEOUS

Received Date: 1/2/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: CCM
2-Butanone	ND	2.0		mg/L	200	1/2/2020 4:21:00 PM	R65525
Carbon disulfide	ND	2.0		mg/L	200	1/2/2020 4:21:00 PM	R65525
Carbon Tetrachloride	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Chlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Chloroethane	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
Chloroform	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Chloromethane	ND	0.60		mg/L	200	1/2/2020 4:21:00 PM	R65525
2-Chlorotoluene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
4-Chlorotoluene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
cis-1,2-DCE	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
cis-1,3-Dichloropropene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2-Dibromo-3-chloropropane	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
Dibromochloromethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Dibromomethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2-Dichlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,3-Dichlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,4-Dichlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Dichlorodifluoromethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1-Dichloroethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1-Dichloroethene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2-Dichloropropane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,3-Dichloropropane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
2,2-Dichloropropane	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1-Dichloropropene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Hexachlorobutadiene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
2-Hexanone	ND	2.0		mg/L	200	1/2/2020 4:21:00 PM	R65525
Isopropylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
4-Isopropyltoluene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
4-Methyl-2-pentanone	ND	2.0		mg/L	200	1/2/2020 4:21:00 PM	R65525
Methylene Chloride	ND	0.60		mg/L	200	1/2/2020 4:21:00 PM	R65525
n-Butylbenzene	ND	0.60		mg/L	200	1/2/2020 4:21:00 PM	R65525
n-Propylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
sec-Butylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Styrene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
tert-Butylbenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1,1,2-Tetrachloroethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1,2,2-Tetrachloroethane	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
Tetrachloroethene (PCE)	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
trans-1,2-DCE	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
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	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2001002**

Date Reported: **1/20/2020**

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Water

Project: WDW Injection Well 2 Quarterly Sampli

Collection Date: 12/31/2019 5:00:00 PM

Lab ID: 2001002-001

Matrix: AQUEOUS

Received Date: 1/2/2020 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: CCM
trans-1,3-Dichloropropene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2,3-Trichlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2,4-Trichlorobenzene	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1,1-Trichloroethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,1,2-Trichloroethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Trichloroethene (TCE)	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Trichlorofluoromethane	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
1,2,3-Trichloropropane	ND	0.40		mg/L	200	1/2/2020 4:21:00 PM	R65525
Vinyl chloride	ND	0.20		mg/L	200	1/2/2020 4:21:00 PM	R65525
Xylenes, Total	ND	0.30		mg/L	200	1/2/2020 4:21:00 PM	R65525
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	200	1/2/2020 4:21:00 PM	R65525
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	200	1/2/2020 4:21:00 PM	R65525
Surr: Dibromofluoromethane	98.2	70-130		%Rec	200	1/2/2020 4:21:00 PM	R65525
Surr: Toluene-d8	102	70-130		%Rec	200	1/2/2020 4:21:00 PM	R65525

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

January 10, 2020

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1175823
Samples Received: 01/03/2020
Project Number:
Description:

Report To:

4901 Hawkins NE
Albuquerque, NM 87109

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

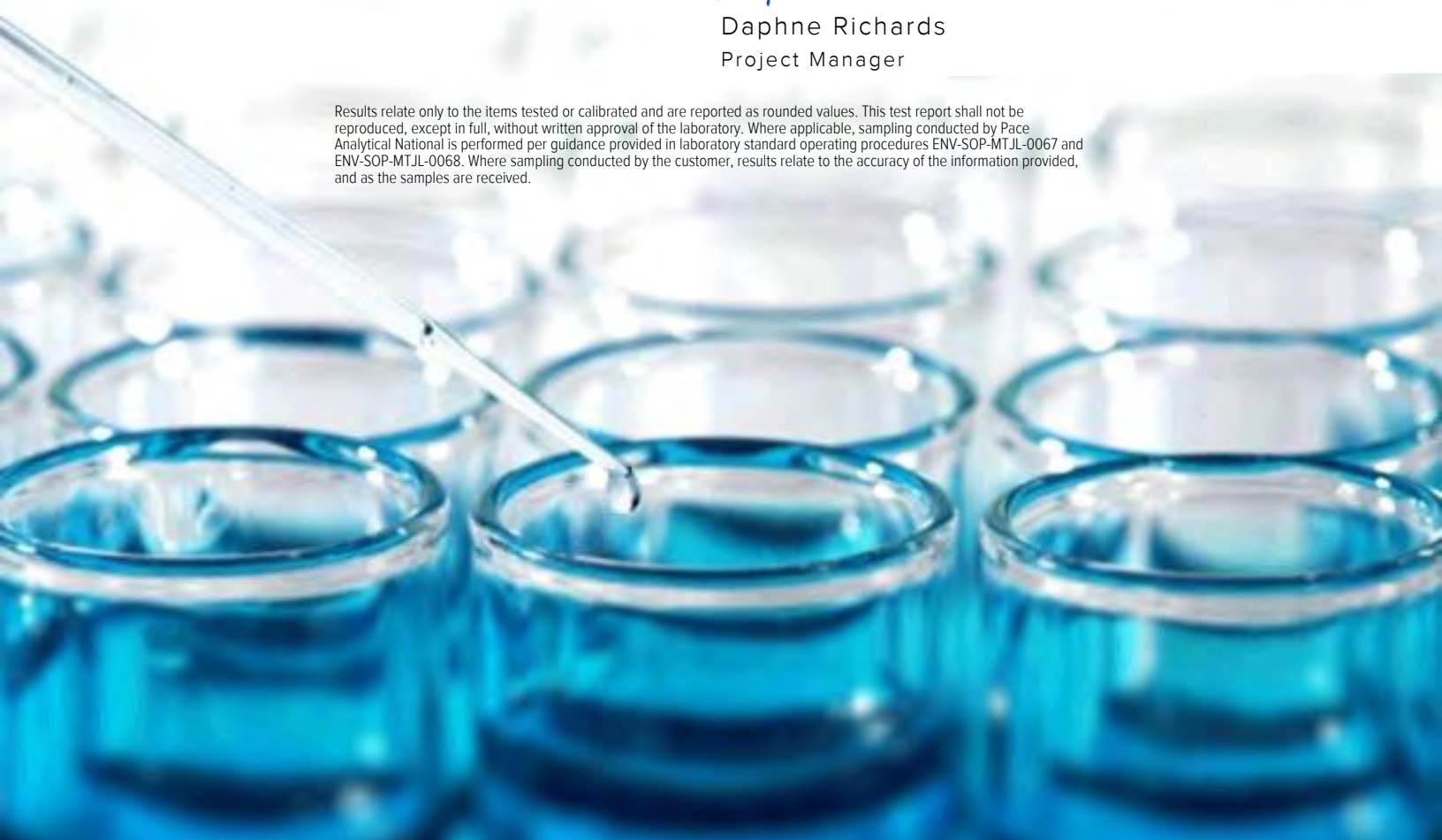
⁹Sc

Entire Report Reviewed By:



Daphne Richards
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.





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2001002-001F INJECTION WELL WATER L1175823-01 WW

Collected by

Collected date/time

Received date/time

12/31/19 17:00

01/03/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500 CN E-2011	WG1407972	10	01/09/20 10:25	01/09/20 14:37	JER	Mt. Juliet, TN
Wet Chemistry by Method 4500H+ B-2011	WG1406352	1	01/06/20 15:00	01/06/20 15:00	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9034-9030B	WG1406337	1	01/06/20 14:35	01/06/20 14:35	MJA	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG1407166	1	01/09/20 12:52	01/09/20 12:52	MJA	Mt. Juliet, TN

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

2001002-001G INJECTION WELL WATER L1175823-02 GW

Collected by

Collected date/time

Received date/time

12/31/19 17:00

01/03/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG1406576	1	01/07/20 15:27	01/07/20 15:27	MJA	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.

Daphne Richards
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 9012B.

All Reactive Sulfide results reported in the attached report were determined as totals using method 9034/9030B.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 12/31/19 17:00

L1175823

Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.0500	10	01/09/2020 14:37	WG1407972

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 4500H+ B-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Corrosivity by pH	7.10	T8	1	01/06/2020 15:00	WG1406352

Sample Narrative:

L1175823-01 WG1406352: 7.1 at 18.6C

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	01/06/2020 14:35	WG1406337

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	01/09/2020 12:52	WG1407166



Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	-8.00	T8	1	01/07/2020 15:27	WG1406576

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



L1175823-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1175823-02 01/07/20 15:27 • (DUP) R3488716-2 01/07/20 15:27					
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u> mV
ORP	-8.00	-12.0	1	0.000	20

Laboratory Control Sample (LCS)

(LCS) R3488716-1 01/07/20 15:27					
Analyte	Spike Amount mV	LCS Result mV	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
ORP	105	99.0	94.3	86.0-105	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3489401-1 01/09/20 14:29

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

L1177025-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1177025-01 01/09/20 14:45 • (DUP) R3489401-5 01/09/20 14:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	0.00406	1	0.000		20

L1177248-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1177248-01 01/09/20 14:59 • (DUP) R3489401-8 01/09/20 15:00

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

Laboratory Control Sample (LCS)

(LCS) R3489401-2 01/09/20 14:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.107	107	85.0-115	

L1175823-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1175823-01 01/09/20 14:37 • (MS) R3489401-3 01/09/20 14:38 • (MSD) R3489401-4 01/09/20 14:39

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	0.985	0.973	98.5	97.3	10	75.0-125		1.23		20

L1177152-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1177152-01 01/09/20 14:55 • (MS) R3489401-6 01/09/20 14:56 • (MSD) R3489401-7 01/09/20 14:57

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	0.100	0.0964	100	96.4	1	75.0-125		3.67		20



Laboratory Control Sample (LCS)

(LCS) R348363-1 01/06/20 15:00

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

Sample Narrative:

LCS: 9.96 at 17.1C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3488359-1 01/06/20 14:07

Analyte	MB Result mg/l	<u>MB Qualifier</u> mg/l	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.00650	0.0500

Laboratory Control Sample (LCS)

(LCS) R3488359-2 01/06/20 14:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Reactive Sulfide	0.500	0.533	107	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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

(LCS) R3489366-1 01/09/20 12:52 • (LCSD) R3489366-2 01/09/20 12:52

Analyte	Spike Amount		LCS Result		LCSD Result		LCS Rec.		LCSD Rec.		Rec. Limits		<u>LCS Qualifier</u>		<u>LCSD Qualifier</u>		RPD		RPD Limits	
	deg F		deg F		deg F		%		%		%		%		%	%		%		%
Flashpoint	82.0		80.3		80.3		97.9		97.9		97.0-103				0.000		10			

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gi

8 Ai

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

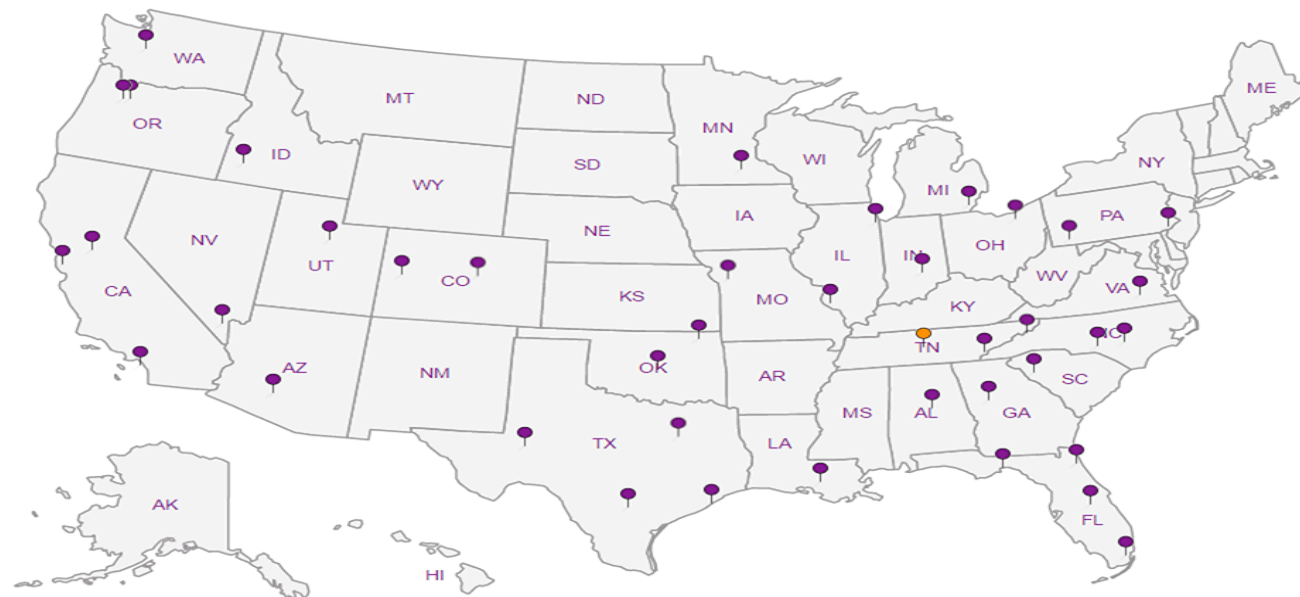
Third Party Federal Accreditations

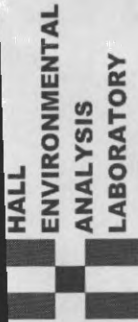
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central 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 CONTRACTOR: ESC PACE		COMPANY: ESC PACE	PHONE: (800) 767-5859	FAX: (615) 758-5859			
ADDRESS: 12065 Lebanon Rd		ACCOUNT #:					
CITY, STATE, ZIP: Mt. Juliet, TN 37122							
ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2001002-001F	Injection Well Water	500HDPE	Aqueous	12/31/2019 5:00:00 PM	3 RCI	175823-01
2	2001002-001G	Injection Well Water	500HDPE	Aqueous	12/31/2019 5:00:00 PM	1 ORP	02

C143

4510 1669 2498 No TB 4 total

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.

RAD SCREEN: <0.5 mR/hr

Relinquished By:	Date: 1/2/2020	Time: 8:37 AM	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 1-3-20	Time: 9:30
TAT:	Standard ☒	RUSH	Next BD ☐	2nd BD ☐	3rd BD ☐
REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE					
FOR LAB USE ONLY					
Temp of samples 2.6 + 2.2 + 2.2 C					
Attempt to Cool?					
Comments:					

Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

Client:	HALLEN AMM	11/25/23
Cooler Received/Opened On:	1/3/20	Temperature: 2.8
Received By:	Michael Pappas	
Signature:		
Receipt Check List		
	NP	Yes No
COC Seal Present / Intact?		/
COC Signed / Accurate?		/
Bottles arrive intact?		/
Correct bottles used?		/
Sufficient volume sent?		/
If Applicable		
VOA Zero headspace?		
Preservation Correct / Checked?		



Login #:1175823	Client: HALLENVANM	Date:1/3/20	Evaluated by:Matt Shacklock
-----------------	--------------------	-------------	-----------------------------

Non-Conformance (check applicable items)

Sample Integrity	Chain of Custody Clarification	
Parameter(s) past holding time	Login Clarification Needed	If Broken Container:
Temperature not in range	Chain of custody is incomplete	Insufficient packing material around container
x Improper container type	Please specify Metals requested.	Insufficient packing material inside cooler
pH not in range.	Please specify TCLP requested.	Improper handling by carrier (FedEx / UPS / Couri
Insufficient sample volume.	Received additional samples not listed on coc.	Sample was frozen
Sample is biphasic.	Sample ids on containers do not match ids on coc	Container lid not intact
Vials received with headspace.	Trip Blank not received.	If no Chain of Custody:
Broken container	Client did not "X" analysis.	Received by:
Broken container:	Chain of Custody is missing	Date/Time:
Sufficient sample remains		Temp./Cont. Rec./pH:
		Carrier:
		Tracking#

Login Comments: Received FLASH in plastic

Client informed by:	Call	Email	Voice Mail	Date:	Time:
TSR Initials: OS	Client Contact:				

Login Instructions:

Please proceed and qualify as appropriate.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.
Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R65528	RunNo: 65528								
Prep Date:	Analysis Date: 1/2/2020	SeqNo: 2251441 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Bromide	ND	0.10								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R65528	RunNo: 65528								
Prep Date:	Analysis Date: 1/2/2020	SeqNo: 2251442 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	94.2	90	110			
Chloride	4.6	0.50	5.000	0	91.6	90	110			
Bromide	2.3	0.10	2.500	0	93.9	90	110			
Sulfate	9.3	0.50	10.00	0	93.1	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R65559	RunNo: 65559								
Prep Date:	Analysis Date: 1/3/2020	SeqNo: 2252044 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phosphorus, Orthophosphate (As P	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R65559	RunNo: 65559								
Prep Date:	Analysis Date: 1/3/2020	SeqNo: 2252045 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phosphorus, Orthophosphate (As P	4.6	0.50	5.000	0	91.8	90	110			
Nitrate+Nitrite as N	3.4	0.20	3.500	0	96.8	90	110			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: 2001002-001BMS		SampType: MS		TestCode: EPA Method 8081: Pesticides TCLP						
Client ID:	Injection Well Water	Batch ID: 49650		RunNo: 65764						
Prep Date:	1/6/2020	Analysis Date: 1/14/2020		SeqNo: 2258819		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	0.0019		0.002500		74.2	29.4	99.8			
Surr: Tetrachloro-m-xylene	0.0018		0.002500		70.3	20.7	100			

Sample ID: 2001002-001BMSD		SampType: MSD		TestCode: EPA Method 8081: Pesticides TCLP						
Client ID: Injection Well Water		Batch ID: 49650		RunNo: 65764						
Prep Date: 1/6/2020		Analysis Date: 1/14/2020		SeqNo: 2258820		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	0.0023		0.002500		93.9	29.4	99.8	0	0	
Surr: Tetrachloro-m-xylene	0.0021		0.002500		85.8	20.7	100	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: 100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R65525		RunNo: 65525							
Prep Date:	Analysis Date: 1/2/2020		SeqNo: 2251092		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.8	70	130			
Toluene	19	1.0	20.00	0	97.4	70	130			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	85.4	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	85.3	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		92.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.6		10.00		95.6	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Sample ID: rb	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R65525		RunNo: 65525							
Prep Date:	Analysis Date: 1/2/2020		SeqNo: 2251141		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.**Project:** WDW Injection Well 2 Quarterly Sampling

Sample ID: rb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R65525			RunNo: 65525						
Prep Date:	Analysis Date: 1/2/2020			SeqNo: 2251141	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: rb	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R65525		RunNo: 65525							
Prep Date:	Analysis Date: 1/2/2020		SeqNo: 2251141		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		92.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.6		10.00		95.8	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: mb-49628	SampType: MBLK	TestCode: EPA Method 8270C TCLP								
Client ID: PBW	Batch ID: 49628	RunNo: 65621								
Prep Date: 1/6/2020	Analysis Date: 1/7/2020	SeqNo: 2254214	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	0.091		0.2000		45.4	15	82.5			
Surr: Phenol-d5	0.080		0.2000		40.2	15	74.2			
Surr: 2,4,6-Tribromophenol	0.14		0.2000		69.7	18.6	118			
Surr: Nitrobenzene-d5	0.078		0.1000		77.9	30.4	106			
Surr: 2-Fluorobiphenyl	0.076		0.1000		75.8	15	104			
Surr: 4-Terphenyl-d14	0.077		0.1000		77.2	15	133			

Sample ID: lcs-49628	SampType: LCS	TestCode: EPA Method 8270C TCLP								
Client ID: LCSW	Batch ID: 49628	RunNo: 65621								
Prep Date: 1/6/2020	Analysis Date: 1/7/2020	SeqNo: 2254215	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.069	0.010	0.1000	0	69.0	33.8	121			
3+4-Methylphenol	0.13	0.010	0.2000	0	64.5	33.6	109			
2,4-Dinitrotoluene	0.064	0.010	0.1000	0	63.8	50.4	124			
Hexachlorobenzene	0.069	0.010	0.1000	0	69.5	50.1	120			
Hexachlorobutadiene	0.066	0.010	0.1000	0	66.2	16.1	103			
Hexachloroethane	0.056	0.010	0.1000	0	56.0	15	94.2			
Nitrobenzene	0.071	0.010	0.1000	0	70.8	32.4	125			
Pentachlorophenol	0.043	0.010	0.1000	0	43.2	44.6	114			S
Pyridine	0.067	0.010	0.1000	0	66.6	15	67			
2,4,5-Trichlorophenol	0.069	0.010	0.1000	0	68.8	49.4	118			
2,4,6-Trichlorophenol	0.061	0.010	0.1000	0	61.1	50.3	116			
Cresols, Total	0.20	0.010	0.3000	0	66.0	33.8	109			
Surr: 2-Fluorophenol	0.096		0.2000		48.2	15	82.5			
Surr: Phenol-d5	0.085		0.2000		42.3	15	74.2			
Surr: 2,4,6-Tribromophenol	0.12		0.2000		60.4	18.6	118			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: Ics-49628		SampType: LCS			TestCode: EPA Method 8270C TCLP					
Client ID: LCSW		Batch ID: 49628			RunNo: 65621					
Prep Date: 1/6/2020		Analysis Date: 1/7/2020			SeqNo: 2254215		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.077		0.1000		77.2	30.4	106			
Surr: 2-Fluorobiphenyl	0.071		0.1000		71.0	15	104			
Surr: 4-Terphenyl-d14	0.073		0.1000		72.8	15	133			

Sample ID: 2001002-001Bms		SampType: MS		TestCode: EPA Method 8270C TCLP						
Client ID: Injection Well Water		Batch ID: 49628		RunNo: 65621						
Prep Date: 1/6/2020		Analysis Date: 1/7/2020		SeqNo: 2254217			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.054	0.010	0.1000	0	53.5	30.5	98.2			
3+4-Methylphenol	0.10	0.010	0.2000	0	50.8	27.4	98.6			
2,4-Dinitrotoluene	0.055	0.010	0.1000	0	55.3	34.3	87.4			
Hexachlorobenzene	0.062	0.010	0.1000	0	62.3	36.5	100			
Hexachlorobutadiene	0.063	0.010	0.1000	0	62.5	15	108			
Hexachloroethane	0.046	0.010	0.1000	0	46.4	15	90.7			
Nitrobenzene	0.058	0.010	0.1000	0	58.4	39	100			
Pentachlorophenol	0.039	0.010	0.1000	0	39.4	15	97.5			
Pyridine	0.031	0.010	0.1000	0	31.3	15	65.8			
2,4,5-Trichlorophenol	0.062	0.010	0.1000	0	62.3	36.1	109			
2,4,6-Trichlorophenol	0.058	0.010	0.1000	0	58.2	37.8	104			
Cresols, Total	0.16	0.010	0.3000	0	51.7	27.1	99.8			
Surr: 2-Fluorophenol	0.073		0.2000		36.4	15	82.5			
Surr: Phenol-d5	0.062		0.2000		30.9	15	74.2			
Surr: 2,4,6-Tribromophenol	0.10		0.2000		52.4	18.6	118			
Surr: Nitrobenzene-d5	0.065		0.1000		65.3	30.4	106			
Surr: 2-Fluorobiphenyl	0.061		0.1000		60.8	15	104			
Surr: 4-Terphenyl-d14	0.059		0.1000		59.2	15	133			

Sample ID: 2001002-001Bmsd		SampType: MSD			TestCode: EPA Method 8270C TCLP					
Client ID:	Injection Well Water	Batch ID: 49628			RunNo: 65621					
Prep Date:	1/6/2020	Analysis Date: 1/7/2020			SeqNo: 2254218		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.061	0.010	0.1000	0	61.5	30.5	98.2	13.8	44.3	
3+4-Methylphenol	0.11	0.010	0.2000	0	56.6	27.4	98.6	10.9	50	
2,4-Dinitrotoluene	0.061	0.010	0.1000	0	60.7	34.3	87.4	9.24	45.1	
Hexachlorobenzene	0.065	0.010	0.1000	0	65.1	36.5	100	4.43	47.2	
Hexachlorobutadiene	0.069	0.010	0.1000	0	69.1	15	108	10.0	43.4	
Hexachloroethane	0.052	0.010	0.1000	0	52.3	15	90.7	11.9	39.2	
Nitrobenzene	0.065	0.010	0.1000	0	64.7	39	100	10.3	42.1	

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: 2001002-001Bmsd		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID:	Injection Well Water	Batch ID: 49628		RunNo: 65621						
Prep Date:	1/6/2020	Analysis Date: 1/7/2020		SeqNo: 2254218		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.047	0.010	0.1000	0	47.1	15	97.5	17.7	50	RS
Pyridine	0.012	0.010	0.1000	0	11.9	15	65.8	90.0	50	
2,4,5-Trichlorophenol	0.064	0.010	0.1000	0	64.1	36.1	109	2.82	49.7	
2,4,6-Trichlorophenol	0.065	0.010	0.1000	0	65.3	37.8	104	11.6	47	
Cresols, Total	0.17	0.010	0.3000	0	58.2	27.1	99.8	11.9	27.4	
Surr: 2-Fluorophenol	0.083		0.2000		41.7	15	82.5	0	0	
Surr: Phenol-d5	0.069		0.2000		34.6	15	74.2	0	0	
Surr: 2,4,6-Tribromophenol	0.11		0.2000		56.8	18.6	118	0	0	
Surr: Nitrobenzene-d5	0.075		0.1000		75.1	30.4	106	0	0	
Surr: 2-Fluorobiphenyl	0.067		0.1000		67.2	15	104	0	0	
Surr: 4-Terphenyl-d14	0.057		0.1000		57.4	15	133	0	0	

NOTES:

* See the case narrative for analytical notes

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: Ics-1 99.9uS eC	SampType: Ics		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R65634		RunNo: 65634							
Prep Date:	Analysis Date: 1/7/2020		SeqNo: 2254575		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	5.0	99.90	0	100	85	115			

Sample ID: Ics-2 99.9uS eC	SampType: Ics		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R65634		RunNo: 65634							
Prep Date:	Analysis Date: 1/7/2020		SeqNo: 2254601		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	5.0	99.90	0	101	85	115			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: MB-49667	SampType: MBLK	TestCode: EPA Method 7470: Mercury
Client ID: PBW	Batch ID: 49667	RunNo: 65616
Prep Date: 1/7/2020	Analysis Date: 1/7/2020	SeqNo: 2253871 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020

Sample ID: LCSLL-49667	SampType: LCSLL	TestCode: EPA Method 7470: Mercury
Client ID: BatchQC	Batch ID: 49667	RunNo: 65616
Prep Date: 1/7/2020	Analysis Date: 1/7/2020	SeqNo: 2253872 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020 0.0001500 0 76.7 50 150

Sample ID: LCS-49667	SampType: LCS	TestCode: EPA Method 7470: Mercury
Client ID: LCSW	Batch ID: 49667	RunNo: 65616
Prep Date: 1/7/2020	Analysis Date: 1/7/2020	SeqNo: 2253873 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 97.5 80 120

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.**Project:** WDW Injection Well 2 Quarterly Sampling

Sample ID: MB-49636	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 49636	RunNo: 65667								
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255552 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.0050								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Selenium	ND	0.050								
Silver	ND	0.0050								

Sample ID: LCS-49636	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 49636	RunNo: 65667								
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255556 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.46	0.020	0.5000	0	92.3	80	120			
Barium	0.47	0.020	0.5000	0	94.6	80	120			
Cadmium	0.47	0.0020	0.5000	0	94.2	80	120			
Calcium	49	1.0	50.00	0	98.9	80	120			
Chromium	0.46	0.0060	0.5000	0	92.8	80	120			
Lead	0.48	0.0050	0.5000	0	95.6	80	120			
Magnesium	49	1.0	50.00	0	97.3	80	120			
Potassium	48	1.0	50.00	0	95.8	80	120			
Selenium	0.47	0.050	0.5000	0	94.4	80	120			
Silver	0.098	0.0050	0.1000	0	97.6	80	120			

Sample ID: 2001002-001DMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well Water	Batch ID: 49636	RunNo: 65667								
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255561 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.47	0.020	0.5000	0	93.6	75	125			
Barium	0.80	0.020	0.5000	0.3189	96.5	75	125			
Cadmium	0.49	0.0020	0.5000	0	98.9	75	125			
Chromium	0.48	0.0060	0.5000	0.0009083	95.1	75	125			
Lead	0.49	0.0050	0.5000	0	97.5	75	125			
Magnesium	74	1.0	50.00	24.14	100	75	125			
Potassium	55	1.0	50.00	4.973	99.9	75	125			
Selenium	0.46	0.050	0.5000	0	91.3	75	125			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: 2001002-001DMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals
Client ID: Injection Well Water	Batch ID: 49636	RunNo: 65667
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255561 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Silver	0.11	0.0050 0.1000 0.001531 105 75 125

Sample ID: 2001002-001DMSD	SampType: MSD	TestCode: EPA 6010B: Total Recoverable Metals
Client ID: Injection Well Water	Batch ID: 49636	RunNo: 65667
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255562 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Arsenic	0.47	0.020 0.5000 0 94.4 75 125 0.851 20
Barium	0.79	0.020 0.5000 0.3189 94.8 75 125 1.04 20
Cadmium	0.49	0.0020 0.5000 0 98.1 75 125 0.809 20
Chromium	0.47	0.0060 0.5000 0.0009083 94.2 75 125 0.900 20
Lead	0.50	0.0050 0.5000 0 99.7 75 125 2.19 20
Magnesium	73	1.0 50.00 24.14 98.4 75 125 1.12 20
Potassium	54	1.0 50.00 4.973 98.9 75 125 0.892 20
Selenium	0.44	0.050 0.5000 0 88.3 75 125 3.31 20
Silver	0.11	0.0050 0.1000 0.001531 104 75 125 0.786 20

Sample ID: MB-49636	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals
Client ID: PBW	Batch ID: 49636	RunNo: 65667
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255592 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Sodium	ND	1.0

Sample ID: LCS-49636	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals
Client ID: LCSW	Batch ID: 49636	RunNo: 65667
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255593 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Sodium	48	1.0 50.00 0 96.3 80 120

Sample ID: 2001002-001DMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals
Client ID: Injection Well Water	Batch ID: 49636	RunNo: 65667
Prep Date: 1/6/2020	Analysis Date: 1/9/2020	SeqNo: 2255608 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Sodium	310	5.0 50.00 256.0 98.2 75 125

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: 2001002-001DMSD		SampType: MSD		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well Water		Batch ID: 49636		RunNo: 65667						
Prep Date: 1/6/2020		Analysis Date: 1/9/2020		SeqNo: 2255609		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	300	5.0	50.00	256.0	96.1	75	125	0.346	20	

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.
Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: mb-1 alk	SampType: mblk	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R65634	RunNo: 65634
Prep Date:	Analysis Date: 1/7/2020	SeqNo: 2254554 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: R65634	RunNo: 65634
Prep Date:	Analysis Date: 1/7/2020	SeqNo: 2254555 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	75.80	20.00 80.00 0 94.7 90 110

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.**Project:** WDW Injection Well 2 Quarterly Sampling

Sample ID: 2001002-001CDUP		SampType: DUP		TestCode: Specific Gravity						
Client ID: Injection Well Water		Batch ID: R65858		RunNo: 65858						
Prep Date:		Analysis Date: 1/16/2020		SeqNo: 2261482		Units:				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Specific Gravity	1.002	0						0.260	20	

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2001002

21-Jan-20

Client: Western Refining Southwest, Inc.

Project: WDW Injection Well 2 Quarterly Sampling

Sample ID: MB-49614	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 49614	RunNo: 65584								
Prep Date: 1/3/2020	Analysis Date: 1/6/2020	SeqNo: 2252692 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-49614	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 49614	RunNo: 65584								
Prep Date: 1/3/2020	Analysis Date: 1/6/2020	SeqNo: 2252693 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Qualifiers:

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

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

Sample Log-In Check List

Client Name: Western Refining Southw

Work Order Number: 2001002

RcptNo: 1

Received By: Anne Thorne

1/2/2020 7:50:00 AM

Anne Thorne

Completed By: Anne Thorne

1/2/2020 8:30:33 AM

Anne Thorne

Reviewed By: DAD 1/2/20

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☒ No ☐ Not Present ☐

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐

4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐

5. Sample(s) in proper container(s)? Yes ☒ No ☐

6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐

7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐

8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐

9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐

10. Were any sample containers received broken? Yes ☐ No ☒

11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐

13. Is it clear what analyses were requested? Yes ☒ No ☐

14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

SP 1/2/20
(2+2)
(<2 or >12 unless noted)

Adjusted? NO

Checked by: JR 1/2/20

Special Handling (if applicable)

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

Person Notified:

Date

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			
2	1.4	Good	Yes			

Chain-of-Custody Record

Client: Western Refining Southwest, Inc.

Mailing Address 50 CR 4990

Bloomfield, NM 87413

Phone #: (505) 632-4166

email or Fax#: krobinson3@marathonpetroleum.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation:

☒ NELAP ☐ Other

☒ EDD (Type) ☐ Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

WDW #2 Injection Well- Quarterly Sampling

Project #:

Project Manager:

Kelly Robinson

Sampler:

Kelly Robinson

On Ice:

☒ Yes ☐ No

Sample Temperature: 6.8 to 30.0 F = 1.1 to 1.4

Date Time Matrix Sample Request ID

Container Type and #

Preservative Type

HEAL No.

See Attached Analytical List

Air Bubbles (Y or N)

Analysis Request

Remarks:

PO# 4500075481

Received by: CR Was

Date Time

12/31/19 1710

Received by: CR Was

Date Time

01/02/20 0758

Relinquished by: Kelly Robinson

Date Time

12/31/19 1710

Relinquished by: CR Was

Date Time

12/31/19 1710

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- Eh;
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3); and,
- EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST			
EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

UICI-011 (WDW-2)
July 20, 2016

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B	0.5
		8260B	
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A	2.0
		8270D	
D043	Vinyl chloride	8021B	0.2
		8260B	

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used.

The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level.

If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
October 31st, 2019 – December 31st, 2019**

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/1/19 12:00 AM	0	11	668	103042
7/1/19 12:30 AM	0	11	667	103042
7/1/19 1:00 AM	0	11	667	103042
7/1/19 1:30 AM	0	11	667	103042
7/1/19 2:00 AM	0	11	667	103042
7/1/19 2:30 AM	0	12	667	103042
7/1/19 3:00 AM	0	12	667	103042
7/1/19 3:30 AM	0	12	667	103042
7/1/19 4:00 AM	0	12	667	103042
7/1/19 4:30 AM	0	12	667	103042
7/1/19 5:00 AM	0	12	667	103042
7/1/19 5:30 AM	0	12	666	103042
7/1/19 6:00 AM	0	12	666	103042
7/1/19 6:30 AM	0	12	666	103042
7/1/19 7:00 AM	0	12	666	103042
7/1/19 7:30 AM	0	12	666	103042
7/1/19 8:00 AM	0	12	666	103042
7/1/19 8:30 AM	0	12	666	103042
7/1/19 9:00 AM	0	13	666	103042
7/1/19 9:30 AM	0	13	666	103042
7/1/19 10:00 AM	0	13	666	103042
7/1/19 10:30 AM	0	13	666	103042
7/1/19 11:00 AM	0	13	666	103042
7/1/19 11:30 AM	0	13	665	103042
7/1/19 12:00 PM	0	13	665	103042
7/1/19 12:30 PM	0	13	665	103042
7/1/19 1:00 PM	0	13	665	103042
7/1/19 1:30 PM	0	14	665	103042
7/1/19 2:00 PM	0	14	665	103042
7/1/19 2:30 PM	0	14	665	103042
7/1/19 3:00 PM	0	14	665	103042
7/1/19 3:30 PM	0	14	665	103042
7/1/19 4:00 PM	0	14	665	103042
7/1/19 4:30 PM	0	14	665	103042
7/1/19 5:00 PM	0	14	665	103042
7/1/19 5:30 PM	0	14	664	103042
7/1/19 6:00 PM	0	14	664	103042
7/1/19 6:30 PM	0	15	664	103042
7/1/19 7:00 PM	0	15	664	103042
7/1/19 7:30 PM	0	15	664	103042
7/1/19 8:00 PM	0	15	664	103042
7/1/19 8:30 PM	0	15	664	103042
7/1/19 9:00 PM	0	15	664	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/1/19 9:30 PM	0	15	664	103042
7/1/19 10:00 PM	0	15	664	103042
7/1/19 10:30 PM	0	15	664	103042
7/1/19 11:00 PM	0	15	664	103042
7/1/19 11:30 PM	0	15	664	103042
7/2/19 12:00 AM	0	15	664	103042
7/2/19 12:30 AM	0	15	664	103042
7/2/19 1:00 AM	0	15	664	103042
7/2/19 1:30 AM	0	15	663	103042
7/2/19 2:00 AM	0	15	663	103042
7/2/19 2:30 AM	0	15	663	103042
7/2/19 3:00 AM	0	15	663	103042
7/2/19 3:30 AM	0	15	663	103042
7/2/19 4:00 AM	0	15	663	103042
7/2/19 4:30 AM	0	15	663	103042
7/2/19 5:00 AM	0	15	663	103042
7/2/19 5:30 AM	0	15	663	103042
7/2/19 6:00 AM	0	15	663	103042
7/2/19 6:30 AM	0	15	663	103042
7/2/19 7:00 AM	0	15	663	103042
7/2/19 7:30 AM	0	15	663	103042
7/2/19 8:00 AM	0	15	663	103042
7/2/19 8:30 AM	0	15	663	103042
7/2/19 9:00 AM	0	15	663	103042
7/2/19 9:30 AM	0	15	663	103042
7/2/19 10:00 AM	0	15	663	103042
7/2/19 10:30 AM	0	15	662	103042
7/2/19 11:00 AM	0	15	662	103042
7/2/19 11:30 AM	0	16	662	103042
7/2/19 12:00 PM	0	16	662	103042
7/2/19 12:30 PM	0	16	662	103042
7/2/19 1:00 PM	0	16	662	103042
7/2/19 1:30 PM	0	16	662	103042
7/2/19 2:00 PM	0	16	662	103042
7/2/19 2:30 PM	0	16	662	103042
7/2/19 3:00 PM	0	16	662	103042
7/2/19 3:30 PM	0	16	662	103042
7/2/19 4:00 PM	0	16	662	103042
7/2/19 4:30 PM	0	16	662	103042
7/2/19 5:00 PM	0	17	661	103042
7/2/19 5:30 PM	0	17	661	103042
7/2/19 6:00 PM	0	17	661	103042
7/2/19 6:30 PM	0	17	661	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/2/19 7:00 PM	0	17	661	103042
7/2/19 7:30 PM	0	17	661	103042
7/2/19 8:00 PM	0	17	661	103042
7/2/19 8:30 PM	0	17	661	103042
7/2/19 9:00 PM	0	17	661	103042
7/2/19 9:30 PM	0	17	661	103042
7/2/19 10:00 PM	0	17	661	103042
7/2/19 10:30 PM	0	17	661	103042
7/2/19 11:00 PM	0	17	661	103042
7/2/19 11:30 PM	0	17	661	103042
7/3/19 12:00 AM	0	17	661	103042
7/3/19 12:30 AM	0	17	661	103042
7/3/19 1:00 AM	0	17	661	103042
7/3/19 1:30 AM	0	17	661	103042
7/3/19 2:00 AM	0	17	661	103042
7/3/19 2:30 AM	0	17	661	103042
7/3/19 3:00 AM	0	17	661	103042
7/3/19 3:30 AM	0	17	661	103042
7/3/19 4:00 AM	0	17	660	103042
7/3/19 4:30 AM	0	17	660	103042
7/3/19 5:00 AM	0	17	660	103042
7/3/19 5:30 AM	0	17	660	103042
7/3/19 6:00 AM	0	17	660	103042
7/3/19 6:30 AM	0	17	660	103042
7/3/19 7:00 AM	0	17	660	103042
7/3/19 7:30 AM	0	17	660	103042
7/3/19 8:00 AM	0	17	660	103042
7/3/19 8:30 AM	0	17	660	103042
7/3/19 9:00 AM	0	17	660	103042
7/3/19 9:30 AM	0	17	660	103042
7/3/19 10:00 AM	0	17	660	103042
7/3/19 10:30 AM	0	17	660	103042
7/3/19 11:00 AM	0	17	660	103042
7/3/19 11:30 AM	0	17	660	103042
7/3/19 12:00 PM	0	17	659	103042
7/3/19 12:30 PM	0	17	659	103042
7/3/19 1:00 PM	0	17	659	103042
7/3/19 1:30 PM	0	18	660	103042
7/3/19 2:00 PM	0	18	660	103042
7/3/19 2:30 PM	0	18	659	103042
7/3/19 3:00 PM	0	18	659	103042
7/3/19 3:30 PM	0	18	659	103042
7/3/19 4:00 PM	0	18	659	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/3/19 4:30 PM	0	18	659	103042
7/3/19 5:00 PM	0	18	659	103042
7/3/19 5:30 PM	0	18	659	103042
7/3/19 6:00 PM	0	18	659	103042
7/3/19 6:30 PM	0	18	659	103042
7/3/19 7:00 PM	0	18	659	103042
7/3/19 7:30 PM	0	18	659	103042
7/3/19 8:00 PM	0	18	658	103042
7/3/19 8:30 PM	0	18	658	103042
7/3/19 9:00 PM	0	18	659	103042
7/3/19 9:30 PM	0	18	659	103042
7/3/19 10:00 PM	0	18	659	103042
7/3/19 10:30 PM	0	18	659	103042
7/3/19 11:00 PM	0	18	659	103042
7/3/19 11:30 PM	0	18	658	103042
7/4/19 12:00 AM	0	18	658	103042
7/4/19 12:30 AM	0	18	658	103042
7/4/19 1:00 AM	0	18	658	103042
7/4/19 1:30 AM	0	18	658	103042
7/4/19 2:00 AM	0	18	658	103042
7/4/19 2:30 AM	0	18	658	103042
7/4/19 3:00 AM	0	18	658	103042
7/4/19 3:30 AM	0	18	658	103042
7/4/19 4:00 AM	0	18	658	103042
7/4/19 4:30 AM	0	18	658	103042
7/4/19 5:00 AM	0	18	658	103042
7/4/19 5:30 AM	0	18	658	103042
7/4/19 6:00 AM	0	18	658	103042
7/4/19 6:30 AM	0	18	658	103042
7/4/19 7:00 AM	0	18	658	103042
7/4/19 7:30 AM	0	18	658	103042
7/4/19 8:00 AM	0	18	658	103042
7/4/19 8:30 AM	0	18	658	103042
7/4/19 9:00 AM	0	18	658	103042
7/4/19 9:30 AM	0	18	658	103042
7/4/19 10:00 AM	0	18	658	103042
7/4/19 10:30 AM	0	18	657	103042
7/4/19 11:00 AM	0	18	657	103042
7/4/19 11:30 AM	0	18	657	103042
7/4/19 12:00 PM	0	18	657	103042
7/4/19 12:30 PM	0	18	657	103042
7/4/19 1:00 PM	0	19	657	103042
7/4/19 1:30 PM	0	19	657	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/4/19 2:00 PM	0	19	657	103042
7/4/19 2:30 PM	0	19	657	103042
7/4/19 3:00 PM	0	19	657	103042
7/4/19 3:30 PM	0	19	657	103042
7/4/19 4:00 PM	0	19	657	103042
7/4/19 4:30 PM	0	19	657	103042
7/4/19 5:00 PM	0	19	656	103042
7/4/19 5:30 PM	0	19	657	103042
7/4/19 6:00 PM	0	19	657	103042
7/4/19 6:30 PM	0	19	657	103042
7/4/19 7:00 PM	0	19	657	103042
7/4/19 7:30 PM	0	19	657	103042
7/4/19 8:00 PM	0	19	656	103042
7/4/19 8:30 PM	0	19	656	103042
7/4/19 9:00 PM	0	19	656	103042
7/4/19 9:30 PM	0	19	656	103042
7/4/19 10:00 PM	0	19	656	103042
7/4/19 10:30 PM	0	19	656	103042
7/4/19 11:00 PM	0	19	656	103042
7/4/19 11:30 PM	0	19	656	103042
7/5/19 12:00 AM	0	19	656	103042
7/5/19 12:30 AM	0	19	656	103042
7/5/19 1:00 AM	0	19	656	103042
7/5/19 1:30 AM	0	19	656	103042
7/5/19 2:00 AM	0	19	656	103042
7/5/19 2:30 AM	0	19	656	103042
7/5/19 3:00 AM	0	19	656	103042
7/5/19 3:30 AM	0	19	656	103042
7/5/19 4:00 AM	0	19	656	103042
7/5/19 4:30 AM	0	19	656	103042
7/5/19 5:00 AM	0	19	656	103042
7/5/19 5:30 AM	0	19	656	103042
7/5/19 6:00 AM	0	19	656	103042
7/5/19 6:30 AM	0	19	656	103042
7/5/19 7:00 AM	0	19	656	103042
7/5/19 7:30 AM	0	19	656	103042
7/5/19 8:00 AM	0	19	656	103042
7/5/19 8:30 AM	0	19	655	103042
7/5/19 9:00 AM	0	19	656	103042
7/5/19 9:30 AM	0	19	656	103042
7/5/19 10:00 AM	0	19	655	103042
7/5/19 10:30 AM	0	19	655	103042
7/5/19 11:00 AM	0	19	655	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/5/19 11:30 AM	0	19	655	103042
7/5/19 12:00 PM	0	20	655	103042
7/5/19 12:30 PM	0	20	655	103042
7/5/19 1:00 PM	0	20	655	103042
7/5/19 1:30 PM	0	20	655	103042
7/5/19 2:00 PM	0	20	655	103042
7/5/19 2:30 PM	0	20	655	103042
7/5/19 3:00 PM	0	20	654	103042
7/5/19 3:30 PM	0	20	654	103042
7/5/19 4:00 PM	0	20	655	103042
7/5/19 4:30 PM	0	20	655	103042
7/5/19 5:00 PM	0	20	655	103042
7/5/19 5:30 PM	0	20	655	103042
7/5/19 6:00 PM	0	20	655	103042
7/5/19 6:30 PM	0	20	655	103042
7/5/19 7:00 PM	0	20	654	103042
7/5/19 7:30 PM	0	20	654	103042
7/5/19 8:00 PM	0	20	654	103042
7/5/19 8:30 PM	0	20	654	103042
7/5/19 9:00 PM	0	20	654	103042
7/5/19 9:30 PM	0	20	654	103042
7/5/19 10:00 PM	0	20	654	103042
7/5/19 10:30 PM	0	20	654	103042
7/5/19 11:00 PM	0	20	654	103042
7/5/19 11:30 PM	0	20	654	103042
7/6/19 12:00 AM	0	20	654	103042
7/6/19 12:30 AM	0	20	654	103042
7/6/19 1:00 AM	0	20	654	103042
7/6/19 1:30 AM	0	20	654	103042
7/6/19 2:00 AM	0	20	654	103042
7/6/19 2:30 AM	0	20	654	103042
7/6/19 3:00 AM	0	20	654	103042
7/6/19 3:30 AM	0	20	654	103042
7/6/19 4:00 AM	0	20	653	103042
7/6/19 4:30 AM	0	19	653	103042
7/6/19 5:00 AM	0	19	653	103042
7/6/19 5:30 AM	0	19	653	103042
7/6/19 6:00 AM	0	19	653	103042
7/6/19 6:30 AM	0	19	653	103042
7/6/19 7:00 AM	0	19	653	103042
7/6/19 7:30 AM	0	19	653	103042
7/6/19 8:00 AM	0	20	653	103042
7/6/19 8:30 AM	0	20	653	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/6/19 9:00 AM	0	20	653	103042
7/6/19 9:30 AM	0	20	653	103042
7/6/19 10:00 AM	0	20	653	103042
7/6/19 10:30 AM	0	20	653	103042
7/6/19 11:00 AM	0	20	653	103042
7/6/19 11:30 AM	0	20	653	103042
7/6/19 12:00 PM	0	20	653	103042
7/6/19 12:30 PM	0	20	653	103042
7/6/19 1:00 PM	0	20	653	103042
7/6/19 1:30 PM	0	20	653	103042
7/6/19 2:00 PM	0	20	653	103042
7/6/19 2:30 PM	0	20	652	103042
7/6/19 3:00 PM	0	20	653	103042
7/6/19 3:30 PM	0	20	652	103042
7/6/19 4:00 PM	0	20	652	103042
7/6/19 4:30 PM	0	20	652	103042
7/6/19 5:00 PM	0	21	652	103042
7/6/19 5:30 PM	0	21	652	103042
7/6/19 6:00 PM	0	21	652	103042
7/6/19 6:30 PM	0	21	652	103042
7/6/19 7:00 PM	0	21	652	103042
7/6/19 7:30 PM	0	21	652	103042
7/6/19 8:00 PM	0	21	652	103042
7/6/19 8:30 PM	0	21	652	103042
7/6/19 9:00 PM	0	21	652	103042
7/6/19 9:30 PM	0	21	652	103042
7/6/19 10:00 PM	0	21	652	103042
7/6/19 10:30 PM	0	21	652	103042
7/6/19 11:00 PM	0	21	652	103042
7/6/19 11:30 PM	0	21	652	103042
7/7/19 12:00 AM	0	20	652	103042
7/7/19 12:30 AM	0	20	652	103042
7/7/19 1:00 AM	0	20	652	103042
7/7/19 1:30 AM	0	20	652	103042
7/7/19 2:00 AM	0	20	652	103042
7/7/19 2:30 AM	0	20	652	103042
7/7/19 3:00 AM	0	20	652	103042
7/7/19 3:30 AM	0	20	652	103042
7/7/19 4:00 AM	0	20	652	103042
7/7/19 4:30 AM	0	20	652	103042
7/7/19 5:00 AM	0	20	652	103042
7/7/19 5:30 AM	0	20	651	103042
7/7/19 6:00 AM	0	20	651	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/7/19 6:30 AM	0	20	651	103042
7/7/19 7:00 AM	0	20	652	103042
7/7/19 7:30 AM	0	20	652	103042
7/7/19 8:00 AM	0	20	652	103042
7/7/19 8:30 AM	0	20	651	103042
7/7/19 9:00 AM	0	20	651	103042
7/7/19 9:30 AM	0	20	651	103042
7/7/19 10:00 AM	0	20	651	103042
7/7/19 10:30 AM	0	20	651	103042
7/7/19 11:00 AM	0	21	651	103042
7/7/19 11:30 AM	0	21	651	103042
7/7/19 12:00 PM	0	21	651	103042
7/7/19 12:30 PM	0	21	651	103042
7/7/19 1:00 PM	0	21	651	103042
7/7/19 1:30 PM	0	21	651	103042
7/7/19 2:00 PM	0	21	651	103042
7/7/19 2:30 PM	0	21	651	103042
7/7/19 3:00 PM	0	21	651	103042
7/7/19 3:30 PM	0	21	651	103042
7/7/19 4:00 PM	0	21	651	103042
7/7/19 4:30 PM	0	21	650	103042
7/7/19 5:00 PM	0	21	650	103042
7/7/19 5:30 PM	0	21	651	103042
7/7/19 6:00 PM	0	21	650	103042
7/7/19 6:30 PM	0	21	650	103042
7/7/19 7:00 PM	0	21	650	103042
7/7/19 7:30 PM	0	21	650	103042
7/7/19 8:00 PM	0	21	650	103042
7/7/19 8:30 PM	0	21	650	103042
7/7/19 9:00 PM	0	21	650	103042
7/7/19 9:30 PM	0	21	650	103042
7/7/19 10:00 PM	0	21	650	103042
7/7/19 10:30 PM	0	21	650	103042
7/7/19 11:00 PM	0	21	650	103042
7/7/19 11:30 PM	0	21	650	103042
7/8/19 12:00 AM	0	21	650	103042
7/8/19 12:30 AM	0	21	650	103042
7/8/19 1:00 AM	0	21	650	103042
7/8/19 1:30 AM	0	21	650	103042
7/8/19 2:00 AM	0	21	650	103042
7/8/19 2:30 AM	0	21	650	103042
7/8/19 3:00 AM	0	21	650	103042
7/8/19 3:30 AM	0	21	650	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/8/19 4:00 AM	0	21	650	103042
7/8/19 4:30 AM	0	21	650	103042
7/8/19 5:00 AM	0	21	650	103042
7/8/19 5:30 AM	0	21	650	103042
7/8/19 6:00 AM	0	21	650	103042
7/8/19 6:30 AM	0	21	650	103042
7/8/19 7:00 AM	0	21	650	103042
7/8/19 7:30 AM	0	21	650	103042
7/8/19 8:00 AM	0	21	650	103042
7/8/19 8:30 AM	0	21	650	103042
7/8/19 9:00 AM	0	21	649	103042
7/8/19 9:30 AM	0	21	649	103042
7/8/19 10:00 AM	0	21	649	103042
7/8/19 10:30 AM	0	21	649	103042
7/8/19 11:00 AM	0	21	649	103042
7/8/19 11:30 AM	0	21	649	103042
7/8/19 12:00 PM	0	21	649	103042
7/8/19 12:30 PM	0	21	649	103042
7/8/19 1:00 PM	0	22	649	103042
7/8/19 1:30 PM	0	22	649	103042
7/8/19 2:00 PM	0	22	649	103042
7/8/19 2:30 PM	0	22	649	103042
7/8/19 3:00 PM	0	22	649	103042
7/8/19 3:30 PM	0	22	649	103042
7/8/19 4:00 PM	0	22	649	103042
7/8/19 4:30 PM	0	22	649	103042
7/8/19 5:00 PM	0	22	648	103042
7/8/19 5:30 PM	0	22	648	103042
7/8/19 6:00 PM	0	22	648	103042
7/8/19 6:30 PM	0	22	648	103042
7/8/19 7:00 PM	0	22	648	103042
7/8/19 7:30 PM	0	22	648	103042
7/8/19 8:00 PM	0	22	648	103042
7/8/19 8:30 PM	0	22	648	103042
7/8/19 9:00 PM	0	22	648	103042
7/8/19 9:30 PM	0	22	648	103042
7/8/19 10:00 PM	0	22	648	103042
7/8/19 10:30 PM	0	22	648	103042
7/8/19 11:00 PM	0	22	648	103042
7/8/19 11:30 PM	0	22	648	103042
7/9/19 12:00 AM	0	22	648	103042
7/9/19 12:30 AM	0	22	648	103042
7/9/19 1:00 AM	0	22	647	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/9/19 1:30 AM	0	22	647	103042
7/9/19 2:00 AM	0	22	647	103042
7/9/19 2:30 AM	0	22	647	103042
7/9/19 3:00 AM	0	22	647	103042
7/9/19 3:30 AM	0	22	647	103042
7/9/19 4:00 AM	0	22	647	103042
7/9/19 4:30 AM	0	22	647	103042
7/9/19 5:00 AM	0	22	647	103042
7/9/19 5:30 AM	0	22	647	103042
7/9/19 6:00 AM	0	22	647	103042
7/9/19 6:30 AM	0	22	647	103042
7/9/19 7:00 AM	0	22	647	103042
7/9/19 7:30 AM	0	22	647	103042
7/9/19 8:00 AM	0	22	647	103042
7/9/19 8:30 AM	0	22	647	103042
7/9/19 9:00 AM	0	22	647	103042
7/9/19 9:30 AM	0	22	647	103042
7/9/19 10:00 AM	0	22	647	103042
7/9/19 10:30 AM	0	22	647	103042
7/9/19 11:00 AM	0	22	647	103042
7/9/19 11:30 AM	0	22	647	103042
7/9/19 12:00 PM	0	22	647	103042
7/9/19 12:30 PM	0	22	647	103042
7/9/19 1:00 PM	0	22	647	103042
7/9/19 1:30 PM	0	22	647	103042
7/9/19 2:00 PM	0	22	647	103042
7/9/19 2:30 PM	0	22	647	103042
7/9/19 3:00 PM	0	22	647	103042
7/9/19 3:30 PM	0	22	647	103042
7/9/19 4:00 PM	0	23	646	103042
7/9/19 4:30 PM	0	23	646	103042
7/9/19 5:00 PM	0	23	646	103042
7/9/19 5:30 PM	0	23	646	103042
7/9/19 6:00 PM	0	23	646	103042
7/9/19 6:30 PM	0	23	646	103042
7/9/19 7:00 PM	0	23	646	103042
7/9/19 7:30 PM	0	23	646	103042
7/9/19 8:00 PM	0	23	646	103042
7/9/19 8:30 PM	0	23	646	103042
7/9/19 9:00 PM	0	23	646	103042
7/9/19 9:30 PM	0	23	646	103042
7/9/19 10:00 PM	0	23	646	103042
7/9/19 10:30 PM	0	23	646	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/9/19 11:00 PM	0	23	646	103042
7/9/19 11:30 PM	0	23	646	103042
7/10/19 12:00 AM	0	23	646	103042
7/10/19 12:30 AM	0	23	646	103042
7/10/19 1:00 AM	0	23	646	103042
7/10/19 1:30 AM	0	23	646	103042
7/10/19 2:00 AM	0	23	646	103042
7/10/19 2:30 AM	0	23	646	103042
7/10/19 3:00 AM	0	23	646	103042
7/10/19 3:30 AM	0	23	646	103042
7/10/19 4:00 AM	0	23	646	103042
7/10/19 4:30 AM	0	23	646	103042
7/10/19 5:00 AM	0	23	646	103042
7/10/19 5:30 AM	0	23	646	103042
7/10/19 6:00 AM	0	23	646	103042
7/10/19 6:30 AM	0	23	646	103042
7/10/19 7:00 AM	0	23	645	103042
7/10/19 7:30 AM	0	23	645	103042
7/10/19 8:00 AM	0	23	645	103042
7/10/19 8:30 AM	0	23	645	103042
7/10/19 9:00 AM	0	23	645	103042
7/10/19 9:30 AM	0	23	645	103042
7/10/19 10:00 AM	0	23	645	103042
7/10/19 10:30 AM	0	23	645	103042
7/10/19 11:00 AM	0	23	645	103042
7/10/19 11:30 AM	0	23	645	103042
7/10/19 12:00 PM	0	23	645	103042
7/10/19 12:30 PM	0	23	645	103042
7/10/19 1:00 PM	0	23	645	103042
7/10/19 1:30 PM	0	23	645	103042
7/10/19 2:00 PM	0	23	645	103042
7/10/19 2:30 PM	0	23	645	103042
7/10/19 3:00 PM	0	23	645	103042
7/10/19 3:30 PM	0	23	645	103042
7/10/19 4:00 PM	0	23	645	103042
7/10/19 4:30 PM	0	23	645	103042
7/10/19 5:00 PM	0	23	645	103042
7/10/19 5:30 PM	0	23	645	103042
7/10/19 6:00 PM	0	23	645	103042
7/10/19 6:30 PM	0	23	645	103042
7/10/19 7:00 PM	0	23	645	103042
7/10/19 7:30 PM	0	23	645	103042
7/10/19 8:00 PM	0	23	645	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/10/19 8:30 PM	0	23	644	103042
7/10/19 9:00 PM	0	23	645	103042
7/10/19 9:30 PM	0	23	645	103042
7/10/19 10:00 PM	0	23	645	103042
7/10/19 10:30 PM	0	23	645	103042
7/10/19 11:00 PM	0	23	645	103042
7/10/19 11:30 PM	0	23	645	103042
7/11/19 12:00 AM	0	23	644	103042
7/11/19 12:30 AM	0	23	645	103042
7/11/19 1:00 AM	0	23	645	103042
7/11/19 1:30 AM	0	23	644	103042
7/11/19 2:00 AM	0	23	644	103042
7/11/19 2:30 AM	0	23	644	103042
7/11/19 3:00 AM	0	23	644	103042
7/11/19 3:30 AM	0	23	644	103042
7/11/19 4:00 AM	0	23	644	103042
7/11/19 4:30 AM	0	23	644	103042
7/11/19 5:00 AM	0	23	644	103042
7/11/19 5:30 AM	0	23	644	103042
7/11/19 6:00 AM	0	23	644	103042
7/11/19 6:30 AM	0	23	644	103042
7/11/19 7:00 AM	0	23	644	103042
7/11/19 7:30 AM	0	23	644	103042
7/11/19 8:00 AM	0	23	644	103042
7/11/19 8:30 AM	0	23	644	103042
7/11/19 9:00 AM	0	23	644	103042
7/11/19 9:30 AM	0	23	644	103042
7/11/19 10:00 AM	0	23	644	103042
7/11/19 10:30 AM	0	23	644	103042
7/11/19 11:00 AM	0	23	644	103042
7/11/19 11:30 AM	0	23	644	103042
7/11/19 12:00 PM	0	23	644	103042
7/11/19 12:30 PM	0	23	643	103042
7/11/19 1:00 PM	0	23	643	103042
7/11/19 1:30 PM	0	23	643	103042
7/11/19 2:00 PM	0	23	643	103042
7/11/19 2:30 PM	0	23	643	103042
7/11/19 3:00 PM	0	24	643	103042
7/11/19 3:30 PM	0	24	643	103042
7/11/19 4:00 PM	0	24	643	103042
7/11/19 4:30 PM	0	24	643	103042
7/11/19 5:00 PM	0	24	643	103042
7/11/19 5:30 PM	0	24	643	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/11/19 6:00 PM	0	24	643	103042
7/11/19 6:30 PM	0	24	643	103042
7/11/19 7:00 PM	0	24	643	103042
7/11/19 7:30 PM	0	24	643	103042
7/11/19 8:00 PM	0	24	643	103042
7/11/19 8:30 PM	0	24	643	103042
7/11/19 9:00 PM	0	24	643	103042
7/11/19 9:30 PM	0	24	643	103042
7/11/19 10:00 PM	0	24	643	103042
7/11/19 10:30 PM	0	24	643	103042
7/11/19 11:00 PM	0	24	643	103042
7/11/19 11:30 PM	0	24	643	103042
7/12/19 12:00 AM	0	24	643	103042
7/12/19 12:30 AM	0	24	643	103042
7/12/19 1:00 AM	0	24	643	103042
7/12/19 1:30 AM	0	24	643	103042
7/12/19 2:00 AM	0	23	643	103042
7/12/19 2:30 AM	0	23	643	103042
7/12/19 3:00 AM	0	23	643	103042
7/12/19 3:30 AM	0	23	642	103042
7/12/19 4:00 AM	0	23	642	103042
7/12/19 4:30 AM	0	23	642	103042
7/12/19 5:00 AM	0	23	642	103042
7/12/19 5:30 AM	0	23	642	103042
7/12/19 6:00 AM	0	23	642	103042
7/12/19 6:30 AM	0	23	642	103042
7/12/19 7:00 AM	0	23	642	103042
7/12/19 7:30 AM	0	23	643	103042
7/12/19 8:00 AM	0	23	643	103042
7/12/19 8:30 AM	0	23	642	103042
7/12/19 9:00 AM	0	23	642	103042
7/12/19 9:30 AM	0	23	642	103042
7/12/19 10:00 AM	0	23	642	103042
7/12/19 10:30 AM	0	23	642	103042
7/12/19 11:00 AM	0	24	642	103042
7/12/19 11:30 AM	0	24	642	103042
7/12/19 12:00 PM	0	24	642	103042
7/12/19 12:30 PM	0	24	642	103042
7/12/19 1:00 PM	0	24	642	103042
7/12/19 1:30 PM	0	24	642	103042
7/12/19 2:00 PM	0	24	642	103042
7/12/19 2:30 PM	0	24	642	103042
7/12/19 3:00 PM	0	24	642	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/12/19 3:30 PM	0	24	642	103042
7/12/19 4:00 PM	0	24	642	103042
7/12/19 4:30 PM	0	24	642	103042
7/12/19 5:00 PM	0	24	642	103042
7/12/19 5:30 PM	0	24	642	103042
7/12/19 6:00 PM	0	24	641	103042
7/12/19 6:30 PM	0	24	641	103042
7/12/19 7:00 PM	0	24	641	103042
7/12/19 7:30 PM	0	24	641	103042
7/12/19 8:00 PM	0	24	641	103042
7/12/19 8:30 PM	0	24	641	103042
7/12/19 9:00 PM	0	24	641	103042
7/12/19 9:30 PM	0	24	641	103042
7/12/19 10:00 PM	0	24	641	103042
7/12/19 10:30 PM	0	24	641	103042
7/12/19 11:00 PM	0	24	641	103042
7/12/19 11:30 PM	0	24	641	103042
7/13/19 12:00 AM	0	24	641	103042
7/13/19 12:30 AM	0	24	641	103042
7/13/19 1:00 AM	0	24	641	103042
7/13/19 1:30 AM	0	24	641	103042
7/13/19 2:00 AM	0	24	641	103042
7/13/19 2:30 AM	0	24	641	103042
7/13/19 3:00 AM	0	24	641	103042
7/13/19 3:30 AM	0	24	641	103042
7/13/19 4:00 AM	0	24	641	103042
7/13/19 4:30 AM	0	24	641	103042
7/13/19 5:00 AM	0	24	641	103042
7/13/19 5:30 AM	0	24	641	103042
7/13/19 6:00 AM	0	24	641	103042
7/13/19 6:30 AM	0	24	641	103042
7/13/19 7:00 AM	0	24	641	103042
7/13/19 7:30 AM	0	24	641	103042
7/13/19 8:00 AM	0	24	641	103042
7/13/19 8:30 AM	0	24	641	103042
7/13/19 9:00 AM	0	24	641	103042
7/13/19 9:30 AM	0	24	641	103042
7/13/19 10:00 AM	0	24	641	103042
7/13/19 10:30 AM	0	24	640	103042
7/13/19 11:00 AM	0	24	640	103042
7/13/19 11:30 AM	0	24	640	103042
7/13/19 12:00 PM	0	24	640	103042
7/13/19 12:30 PM	0	24	640	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/13/19 1:00 PM	0	25	640	103042
7/13/19 1:30 PM	0	25	640	103042
7/13/19 2:00 PM	0	25	640	103042
7/13/19 2:30 PM	0	25	640	103042
7/13/19 3:00 PM	0	25	640	103042
7/13/19 3:30 PM	0	25	640	103042
7/13/19 4:00 PM	0	25	640	103042
7/13/19 4:30 PM	0	25	640	103042
7/13/19 5:00 PM	0	25	640	103042
7/13/19 5:30 PM	0	25	640	103042
7/13/19 6:00 PM	0	25	640	103042
7/13/19 6:30 PM	0	25	640	103042
7/13/19 7:00 PM	0	25	640	103042
7/13/19 7:30 PM	0	25	640	103042
7/13/19 8:00 PM	0	25	640	103042
7/13/19 8:30 PM	0	25	640	103042
7/13/19 9:00 PM	0	25	640	103042
7/13/19 9:30 PM	0	25	640	103042
7/13/19 10:00 PM	0	25	640	103042
7/13/19 10:30 PM	0	25	640	103042
7/13/19 11:00 PM	0	25	640	103042
7/13/19 11:30 PM	0	25	640	103042
7/14/19 12:00 AM	0	25	640	103042
7/14/19 12:30 AM	0	25	639	103042
7/14/19 1:00 AM	0	25	639	103042
7/14/19 1:30 AM	0	25	639	103042
7/14/19 2:00 AM	0	25	639	103042
7/14/19 2:30 AM	0	25	639	103042
7/14/19 3:00 AM	0	25	639	103042
7/14/19 3:30 AM	0	25	639	103042
7/14/19 4:00 AM	0	25	639	103042
7/14/19 4:30 AM	0	24	639	103042
7/14/19 5:00 AM	0	24	639	103042
7/14/19 5:30 AM	0	24	639	103042
7/14/19 6:00 AM	0	24	639	103042
7/14/19 6:30 AM	0	24	639	103042
7/14/19 7:00 AM	0	24	639	103042
7/14/19 7:30 AM	0	24	639	103042
7/14/19 8:00 AM	0	24	639	103042
7/14/19 8:30 AM	0	24	639	103042
7/14/19 9:00 AM	0	24	639	103042
7/14/19 9:30 AM	0	25	639	103042
7/14/19 10:00 AM	0	25	639	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/14/19 10:30 AM	0	25	639	103042
7/14/19 11:00 AM	0	25	639	103042
7/14/19 11:30 AM	0	25	639	103042
7/14/19 12:00 PM	0	25	638	103042
7/14/19 12:30 PM	0	25	638	103042
7/14/19 1:00 PM	0	25	638	103042
7/14/19 1:30 PM	0	25	639	103042
7/14/19 2:00 PM	0	25	639	103042
7/14/19 2:30 PM	0	25	639	103042
7/14/19 3:00 PM	0	25	638	103042
7/14/19 3:30 PM	0	25	638	103042
7/14/19 4:00 PM	0	25	638	103042
7/14/19 4:30 PM	0	25	638	103042
7/14/19 5:00 PM	0	26	638	103042
7/14/19 5:30 PM	0	26	638	103042
7/14/19 6:00 PM	0	26	638	103042
7/14/19 6:30 PM	0	26	638	103042
7/14/19 7:00 PM	0	26	638	103042
7/14/19 7:30 PM	0	26	638	103042
7/14/19 8:00 PM	0	25	638	103042
7/14/19 8:30 PM	0	25	638	103042
7/14/19 9:00 PM	0	25	638	103042
7/14/19 9:30 PM	0	25	638	103042
7/14/19 10:00 PM	0	25	638	103042
7/14/19 10:30 PM	0	25	638	103042
7/14/19 11:00 PM	0	25	638	103042
7/14/19 11:30 PM	0	25	638	103042
7/15/19 12:00 AM	0	25	638	103042
7/15/19 12:30 AM	0	25	638	103042
7/15/19 1:00 AM	0	25	638	103042
7/15/19 1:30 AM	0	25	638	103042
7/15/19 2:00 AM	0	25	638	103042
7/15/19 2:30 AM	0	25	638	103042
7/15/19 3:00 AM	0	25	638	103042
7/15/19 3:30 AM	0	25	638	103042
7/15/19 4:00 AM	0	25	638	103042
7/15/19 4:30 AM	0	25	638	103042
7/15/19 5:00 AM	0	25	637	103042
7/15/19 5:30 AM	0	25	637	103042
7/15/19 6:00 AM	0	25	637	103042
7/15/19 6:30 AM	0	25	638	103042
7/15/19 7:00 AM	0	25	638	103042
7/15/19 7:30 AM	0	25	638	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/15/19 8:00 AM	0	25	637	103042
7/15/19 8:30 AM	0	25	637	103042
7/15/19 9:00 AM	0	25	637	103042
7/15/19 9:30 AM	0	25	637	103042
7/15/19 10:00 AM	0	25	637	103042
7/15/19 10:30 AM	0	25	637	103042
7/15/19 11:00 AM	0	25	637	103042
7/15/19 11:30 AM	0	25	637	103042
7/15/19 12:00 PM	0	25	637	103042
7/15/19 12:30 PM	0	25	637	103042
7/15/19 1:00 PM	0	25	637	103042
7/15/19 1:30 PM	0	25	637	103042
7/15/19 2:00 PM	0	26	637	103042
7/15/19 2:30 PM	0	26	637	103042
7/15/19 3:00 PM	0	26	637	103042
7/15/19 3:30 PM	0	26	637	103042
7/15/19 4:00 PM	0	26	637	103042
7/15/19 4:30 PM	0	26	637	103042
7/15/19 5:00 PM	0	26	637	103042
7/15/19 5:30 PM	0	26	636	103042
7/15/19 6:00 PM	0	26	636	103042
7/15/19 6:30 PM	0	26	636	103042
7/15/19 7:00 PM	0	26	636	103042
7/15/19 7:30 PM	0	26	636	103042
7/15/19 8:00 PM	0	26	636	103042
7/15/19 8:30 PM	0	26	636	103042
7/15/19 9:00 PM	0	26	636	103042
7/15/19 9:30 PM	0	26	636	103042
7/15/19 10:00 PM	0	26	636	103042
7/15/19 10:30 PM	0	26	636	103042
7/15/19 11:00 PM	0	26	636	103042
7/15/19 11:30 PM	0	26	636	103042
7/16/19 12:00 AM	0	26	636	103042
7/16/19 12:30 AM	0	26	636	103042
7/16/19 1:00 AM	0	26	636	103042
7/16/19 1:30 AM	0	26	636	103042
7/16/19 2:00 AM	0	26	636	103042
7/16/19 2:30 AM	0	26	636	103042
7/16/19 3:00 AM	0	26	636	103042
7/16/19 3:30 AM	0	26	636	103042
7/16/19 4:00 AM	0	26	636	103042
7/16/19 4:30 AM	0	26	636	103042
7/16/19 5:00 AM	0	26	636	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/16/19 5:30 AM	0	26	636	103042
7/16/19 6:00 AM	0	26	636	103042
7/16/19 6:30 AM	0	26	636	103042
7/16/19 7:00 AM	0	26	636	103042
7/16/19 7:30 AM	0	26	636	103042
7/16/19 8:00 AM	0	26	636	103042
7/16/19 8:30 AM	0	26	636	103042
7/16/19 9:00 AM	0	26	636	103042
7/16/19 9:30 AM	0	26	636	103042
7/16/19 10:00 AM	0	26	636	103042
7/16/19 10:30 AM	0	26	636	103042
7/16/19 11:00 AM	0	26	636	103042
7/16/19 11:30 AM	0	26	636	103042
7/16/19 12:00 PM	0	26	636	103042
7/16/19 12:30 PM	0	26	635	103042
7/16/19 1:00 PM	0	26	635	103042
7/16/19 1:30 PM	0	26	635	103042
7/16/19 2:00 PM	0	26	635	103042
7/16/19 2:30 PM	0	26	635	103042
7/16/19 3:00 PM	0	26	635	103042
7/16/19 3:30 PM	0	26	635	103042
7/16/19 4:00 PM	0	26	635	103042
7/16/19 4:30 PM	0	26	635	103042
7/16/19 5:00 PM	0	26	635	103042
7/16/19 5:30 PM	0	26	635	103042
7/16/19 6:00 PM	0	26	635	103042
7/16/19 6:30 PM	0	26	634	103042
7/16/19 7:00 PM	0	26	635	103042
7/16/19 7:30 PM	0	26	635	103042
7/16/19 8:00 PM	0	26	635	103042
7/16/19 8:30 PM	0	26	635	103042
7/16/19 9:00 PM	0	26	635	103042
7/16/19 9:30 PM	0	26	635	103042
7/16/19 10:00 PM	0	26	635	103042
7/16/19 10:30 PM	0	26	635	103042
7/16/19 11:00 PM	0	26	635	103042
7/16/19 11:30 PM	0	26	635	103042
7/17/19 12:00 AM	0	26	635	103042
7/17/19 12:30 AM	0	26	635	103042
7/17/19 1:00 AM	0	26	635	103042
7/17/19 1:30 AM	0	26	634	103042
7/17/19 2:00 AM	0	26	634	103042
7/17/19 2:30 AM	0	26	634	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/17/19 3:00 AM	0	26	634	103042
7/17/19 3:30 AM	0	26	634	103042
7/17/19 4:00 AM	0	26	634	103042
7/17/19 4:30 AM	0	26	634	103042
7/17/19 5:00 AM	0	26	634	103042
7/17/19 5:30 AM	0	26	634	103042
7/17/19 6:00 AM	0	26	634	103042
7/17/19 6:30 AM	0	26	634	103042
7/17/19 7:00 AM	0	26	634	103042
7/17/19 7:30 AM	0	26	634	103042
7/17/19 8:00 AM	0	26	634	103042
7/17/19 8:30 AM	0	26	634	103042
7/17/19 9:00 AM	0	26	635	103042
7/17/19 9:30 AM	0	26	635	103042
7/17/19 10:00 AM	0	26	634	103042
7/17/19 10:30 AM	0	26	634	103042
7/17/19 11:00 AM	0	26	634	103042
7/17/19 11:30 AM	0	26	634	103042
7/17/19 12:00 PM	0	26	634	103042
7/17/19 12:30 PM	0	26	634	103042
7/17/19 1:00 PM	0	26	634	103042
7/17/19 1:30 PM	0	26	634	103042
7/17/19 2:00 PM	0	26	634	103042
7/17/19 2:30 PM	0	27	634	103042
7/17/19 3:00 PM	0	27	633	103042
7/17/19 3:30 PM	0	27	634	103042
7/17/19 4:00 PM	0	27	634	103042
7/17/19 4:30 PM	0	27	633	103042
7/17/19 5:00 PM	0	27	633	103042
7/17/19 5:30 PM	0	27	633	103042
7/17/19 6:00 PM	0	27	633	103042
7/17/19 6:30 PM	0	27	633	103042
7/17/19 7:00 PM	0	27	633	103042
7/17/19 7:30 PM	0	27	633	103042
7/17/19 8:00 PM	0	27	633	103042
7/17/19 8:30 PM	0	27	633	103042
7/17/19 9:00 PM	0	27	633	103042
7/17/19 9:30 PM	0	27	633	103042
7/17/19 10:00 PM	0	27	633	103042
7/17/19 10:30 PM	0	27	633	103042
7/17/19 11:00 PM	0	27	633	103042
7/17/19 11:30 PM	0	27	633	103042
7/18/19 12:00 AM	0	27	633	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/18/19 12:30 AM	0	27	633	103042
7/18/19 1:00 AM	0	27	633	103042
7/18/19 1:30 AM	0	27	633	103042
7/18/19 2:00 AM	0	27	633	103042
7/18/19 2:30 AM	0	27	633	103042
7/18/19 3:00 AM	0	26	633	103042
7/18/19 3:30 AM	0	26	633	103042
7/18/19 4:00 AM	0	26	633	103042
7/18/19 4:30 AM	0	26	633	103042
7/18/19 5:00 AM	0	26	633	103042
7/18/19 5:30 AM	0	26	633	103042
7/18/19 6:00 AM	0	26	633	103042
7/18/19 6:30 AM	0	26	633	103042
7/18/19 7:00 AM	0	26	633	103042
7/18/19 7:30 AM	0	26	633	103042
7/18/19 8:00 AM	0	26	633	103042
7/18/19 8:30 AM	0	26	633	103042
7/18/19 9:00 AM	0	26	633	103042
7/18/19 9:30 AM	0	26	633	103042
7/18/19 10:00 AM	0	27	633	103042
7/18/19 10:30 AM	0	27	633	103042
7/18/19 11:00 AM	0	27	633	103042
7/18/19 11:30 AM	0	27	632	103042
7/18/19 12:00 PM	0	27	632	103042
7/18/19 12:30 PM	0	27	632	103042
7/18/19 1:00 PM	0	27	632	103042
7/18/19 1:30 PM	0	27	632	103042
7/18/19 2:00 PM	0	27	632	103042
7/18/19 2:30 PM	0	27	632	103042
7/18/19 3:00 PM	0	27	632	103042
7/18/19 3:30 PM	0	27	632	103042
7/18/19 4:00 PM	0	27	632	103042
7/18/19 4:30 PM	0	27	632	103042
7/18/19 5:00 PM	0	27	632	103042
7/18/19 5:30 PM	0	27	632	103042
7/18/19 6:00 PM	0	27	632	103042
7/18/19 6:30 PM	0	27	632	103042
7/18/19 7:00 PM	0	27	632	103042
7/18/19 7:30 PM	0	27	632	103042
7/18/19 8:00 PM	0	27	632	103042
7/18/19 8:30 PM	0	27	632	103042
7/18/19 9:00 PM	0	27	632	103042
7/18/19 9:30 PM	0	27	632	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/18/19 10:00 PM	0	27	632	103042
7/18/19 10:30 PM	0	27	632	103042
7/18/19 11:00 PM	0	27	632	103042
7/18/19 11:30 PM	0	27	632	103042
7/19/19 12:00 AM	0	27	632	103042
7/19/19 12:30 AM	0	27	632	103042
7/19/19 1:00 AM	0	27	631	103042
7/19/19 1:30 AM	0	27	632	103042
7/19/19 2:00 AM	0	27	632	103042
7/19/19 2:30 AM	0	27	631	103042
7/19/19 3:00 AM	0	27	631	103042
7/19/19 3:30 AM	0	27	631	103042
7/19/19 4:00 AM	0	27	631	103042
7/19/19 4:30 AM	0	27	631	103042
7/19/19 5:00 AM	0	27	631	103042
7/19/19 5:30 AM	0	27	631	103042
7/19/19 6:00 AM	0	27	631	103042
7/19/19 6:30 AM	0	27	631	103042
7/19/19 7:00 AM	0	27	631	103042
7/19/19 7:30 AM	0	27	631	103042
7/19/19 8:00 AM	0	27	631	103042
7/19/19 8:30 AM	0	27	632	103042
7/19/19 9:00 AM	0	27	631	103042
7/19/19 9:30 AM	0	27	631	103042
7/19/19 10:00 AM	0	27	631	103042
7/19/19 10:30 AM	0	27	631	103042
7/19/19 11:00 AM	0	27	631	103042
7/19/19 11:30 AM	0	27	631	103042
7/19/19 12:00 PM	0	27	631	103042
7/19/19 12:30 PM	0	27	631	103042
7/19/19 1:00 PM	0	27	631	103042
7/19/19 1:30 PM	0	28	631	103042
7/19/19 2:00 PM	0	28	631	103042
7/19/19 2:30 PM	0	28	631	103042
7/19/19 3:00 PM	0	28	631	103042
7/19/19 3:30 PM	0	28	631	103042
7/19/19 4:00 PM	0	28	630	103042
7/19/19 4:30 PM	0	28	631	103042
7/19/19 5:00 PM	0	28	630	103042
7/19/19 5:30 PM	0	28	630	103042
7/19/19 6:00 PM	0	28	630	103042
7/19/19 6:30 PM	0	28	630	103042
7/19/19 7:00 PM	0	28	630	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/19/19 7:30 PM	0	28	630	103042
7/19/19 8:00 PM	0	28	630	103042
7/19/19 8:30 PM	0	28	630	103042
7/19/19 9:00 PM	0	28	630	103042
7/19/19 9:30 PM	0	28	630	103042
7/19/19 10:00 PM	0	28	630	103042
7/19/19 10:30 PM	0	28	630	103042
7/19/19 11:00 PM	0	28	630	103042
7/19/19 11:30 PM	0	28	630	103042
7/20/19 12:00 AM	0	28	630	103042
7/20/19 12:30 AM	0	28	630	103042
7/20/19 1:00 AM	0	28	630	103042
7/20/19 1:30 AM	0	28	630	103042
7/20/19 2:00 AM	0	28	630	103042
7/20/19 2:30 AM	0	28	630	103042
7/20/19 3:00 AM	0	28	630	103042
7/20/19 3:30 AM	0	28	630	103042
7/20/19 4:00 AM	0	28	630	103042
7/20/19 4:30 AM	0	28	630	103042
7/20/19 5:00 AM	0	28	630	103042
7/20/19 5:30 AM	0	28	630	103042
7/20/19 6:00 AM	0	28	630	103042
7/20/19 6:30 AM	0	28	630	103042
7/20/19 7:00 AM	0	28	630	103042
7/20/19 7:30 AM	0	28	630	103042
7/20/19 8:00 AM	0	28	630	103042
7/20/19 8:30 AM	0	28	630	103042
7/20/19 9:00 AM	0	28	630	103042
7/20/19 9:30 AM	0	28	630	103042
7/20/19 10:00 AM	0	28	630	103042
7/20/19 10:30 AM	0	28	630	103042
7/20/19 11:00 AM	0	28	629	103042
7/20/19 11:30 AM	0	28	629	103042
7/20/19 12:00 PM	0	28	629	103042
7/20/19 12:30 PM	0	28	630	103042
7/20/19 1:00 PM	0	28	630	103042
7/20/19 1:30 PM	0	28	629	103042
7/20/19 2:00 PM	0	28	629	103042
7/20/19 2:30 PM	0	28	629	103042
7/20/19 3:00 PM	0	28	629	103042
7/20/19 3:30 PM	0	28	629	103042
7/20/19 4:00 PM	0	28	629	103042
7/20/19 4:30 PM	0	29	629	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/20/19 5:00 PM	0	29	629	103042
7/20/19 5:30 PM	0	29	629	103042
7/20/19 6:00 PM	0	29	629	103042
7/20/19 6:30 PM	0	29	629	103042
7/20/19 7:00 PM	0	29	629	103042
7/20/19 7:30 PM	0	29	629	103042
7/20/19 8:00 PM	0	29	629	103042
7/20/19 8:30 PM	0	29	629	103042
7/20/19 9:00 PM	0	29	629	103042
7/20/19 9:30 PM	0	29	629	103042
7/20/19 10:00 PM	0	29	629	103042
7/20/19 10:30 PM	0	29	629	103042
7/20/19 11:00 PM	0	28	629	103042
7/20/19 11:30 PM	0	28	629	103042
7/21/19 12:00 AM	0	28	629	103042
7/21/19 12:30 AM	0	28	629	103042
7/21/19 1:00 AM	0	28	629	103042
7/21/19 1:30 AM	0	28	629	103042
7/21/19 2:00 AM	0	28	629	103042
7/21/19 2:30 AM	0	28	629	103042
7/21/19 3:00 AM	0	28	628	103042
7/21/19 3:30 AM	0	28	628	103042
7/21/19 4:00 AM	0	28	628	103042
7/21/19 4:30 AM	0	28	628	103042
7/21/19 5:00 AM	0	28	628	103042
7/21/19 5:30 AM	0	28	628	103042
7/21/19 6:00 AM	0	28	628	103042
7/21/19 6:30 AM	0	28	628	103042
7/21/19 7:00 AM	0	28	628	103042
7/21/19 7:30 AM	0	28	628	103042
7/21/19 8:00 AM	0	28	629	103042
7/21/19 8:30 AM	0	28	628	103042
7/21/19 9:00 AM	0	28	628	103042
7/21/19 9:30 AM	0	28	628	103042
7/21/19 10:00 AM	0	28	628	103042
7/21/19 10:30 AM	0	28	628	103042
7/21/19 11:00 AM	0	28	628	103042
7/21/19 11:30 AM	0	28	628	103042
7/21/19 12:00 PM	0	29	628	103042
7/21/19 12:30 PM	0	29	628	103042
7/21/19 1:00 PM	0	29	628	103042
7/21/19 1:30 PM	0	29	628	103042
7/21/19 2:00 PM	0	29	628	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/21/19 2:30 PM	0	29	628	103042
7/21/19 3:00 PM	0	29	628	103042
7/21/19 3:30 PM	0	29	628	103042
7/21/19 4:00 PM	0	29	628	103042
7/21/19 4:30 PM	0	29	628	103042
7/21/19 5:00 PM	0	29	628	103042
7/21/19 5:30 PM	0	29	628	103042
7/21/19 6:00 PM	0	29	628	103042
7/21/19 6:30 PM	0	29	627	103042
7/21/19 7:00 PM	0	29	627	103042
7/21/19 7:30 PM	0	29	627	103042
7/21/19 8:00 PM	0	29	627	103042
7/21/19 8:30 PM	0	29	627	103042
7/21/19 9:00 PM	0	29	627	103042
7/21/19 9:30 PM	0	29	627	103042
7/21/19 10:00 PM	0	29	627	103042
7/21/19 10:30 PM	0	29	627	103042
7/21/19 11:00 PM	0	29	627	103042
7/21/19 11:30 PM	0	29	627	103042
7/22/19 12:00 AM	0	29	627	103042
7/22/19 12:30 AM	0	29	627	103042
7/22/19 1:00 AM	0	29	627	103042
7/22/19 1:30 AM	0	29	627	103042
7/22/19 2:00 AM	0	29	627	103042
7/22/19 2:30 AM	0	29	627	103042
7/22/19 3:00 AM	0	29	627	103042
7/22/19 3:30 AM	0	29	627	103042
7/22/19 4:00 AM	0	29	627	103042
7/22/19 4:30 AM	0	29	627	103042
7/22/19 5:00 AM	0	29	627	103042
7/22/19 5:30 AM	0	29	627	103042
7/22/19 6:00 AM	0	29	627	103042
7/22/19 6:30 AM	0	29	627	103042
7/22/19 7:00 AM	0	29	627	103042
7/22/19 7:30 AM	0	29	627	103042
7/22/19 8:00 AM	0	29	627	103042
7/22/19 8:30 AM	0	29	627	103042
7/22/19 9:00 AM	0	29	627	103042
7/22/19 9:30 AM	0	29	627	103042
7/22/19 10:00 AM	0	29	627	103042
7/22/19 10:30 AM	0	29	627	103042
7/22/19 11:00 AM	0	29	626	103042
7/22/19 11:30 AM	0	29	626	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/22/19 12:00 PM	0	29	626	103042
7/22/19 12:30 PM	0	29	626	103042
7/22/19 1:00 PM	0	29	626	103042
7/22/19 1:30 PM	0	29	626	103042
7/22/19 2:00 PM	0	29	626	103042
7/22/19 2:30 PM	0	29	626	103042
7/22/19 3:00 PM	0	29	626	103042
7/22/19 3:30 PM	0	29	626	103042
7/22/19 4:00 PM	0	30	626	103042
7/22/19 4:30 PM	0	30	626	103042
7/22/19 5:00 PM	0	30	626	103042
7/22/19 5:30 PM	0	30	626	103042
7/22/19 6:00 PM	0	30	626	103042
7/22/19 6:30 PM	0	30	626	103042
7/22/19 7:00 PM	0	30	626	103042
7/22/19 7:30 PM	0	30	626	103042
7/22/19 8:00 PM	0	30	626	103042
7/22/19 8:30 PM	0	30	626	103042
7/22/19 9:00 PM	0	30	626	103042
7/22/19 9:30 PM	0	30	626	103042
7/22/19 10:00 PM	0	30	626	103042
7/22/19 10:30 PM	0	30	626	103042
7/22/19 11:00 PM	0	30	626	103042
7/22/19 11:30 PM	0	30	626	103042
7/23/19 12:00 AM	0	29	626	103042
7/23/19 12:30 AM	0	29	626	103042
7/23/19 1:00 AM	0	29	626	103042
7/23/19 1:30 AM	0	29	626	103042
7/23/19 2:00 AM	0	29	626	103042
7/23/19 2:30 AM	0	29	626	103042
7/23/19 3:00 AM	0	29	626	103042
7/23/19 3:30 AM	0	29	626	103042
7/23/19 4:00 AM	0	29	626	103042
7/23/19 4:30 AM	0	29	626	103042
7/23/19 5:00 AM	0	29	626	103042
7/23/19 5:30 AM	0	29	625	103042
7/23/19 6:00 AM	0	29	625	103042
7/23/19 6:30 AM	0	29	625	103042
7/23/19 7:00 AM	0	29	626	103042
7/23/19 7:30 AM	0	29	626	103042
7/23/19 8:00 AM	0	29	626	103042
7/23/19 8:30 AM	0	29	626	103042
7/23/19 9:00 AM	0	29	625	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/23/19 9:30 AM	0	29	625	103042
7/23/19 10:00 AM	0	29	625	103042
7/23/19 10:30 AM	0	29	625	103042
7/23/19 11:00 AM	0	29	625	103042
7/23/19 11:30 AM	0	29	625	103042
7/23/19 12:00 PM	0	29	625	103042
7/23/19 12:30 PM	0	30	625	103042
7/23/19 1:00 PM	0	30	625	103042
7/23/19 1:30 PM	0	30	625	103042
7/23/19 2:00 PM	0	30	625	103042
7/23/19 2:30 PM	0	30	625	103042
7/23/19 3:00 PM	0	30	625	103042
7/23/19 3:30 PM	0	30	625	103042
7/23/19 4:00 PM	0	30	625	103042
7/23/19 4:30 PM	0	30	625	103042
7/23/19 5:00 PM	0	30	625	103042
7/23/19 5:30 PM	0	30	625	103042
7/23/19 6:00 PM	0	30	625	103042
7/23/19 6:30 PM	0	30	625	103042
7/23/19 7:00 PM	0	30	624	103042
7/23/19 7:30 PM	0	30	624	103042
7/23/19 8:00 PM	0	30	624	103042
7/23/19 8:30 PM	0	30	625	103042
7/23/19 9:00 PM	0	30	625	103042
7/23/19 9:30 PM	0	30	625	103042
7/23/19 10:00 PM	0	30	624	103042
7/23/19 10:30 PM	0	30	625	103042
7/23/19 11:00 PM	0	30	624	103042
7/23/19 11:30 PM	0	30	624	103042
7/24/19 12:00 AM	0	30	624	103042
7/24/19 12:30 AM	0	30	624	103042
7/24/19 1:00 AM	0	30	624	103042
7/24/19 1:30 AM	0	30	624	103042
7/24/19 2:00 AM	0	30	624	103042
7/24/19 2:30 AM	0	30	624	103042
7/24/19 3:00 AM	0	30	624	103042
7/24/19 3:30 AM	0	30	624	103042
7/24/19 4:00 AM	0	30	624	103042
7/24/19 4:30 AM	0	30	624	103042
7/24/19 5:00 AM	0	30	624	103042
7/24/19 5:30 AM	0	30	624	103042
7/24/19 6:00 AM	0	29	624	103042
7/24/19 6:30 AM	0	29	624	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/24/19 7:00 AM	0	29	624	103042
7/24/19 7:30 AM	0	29	624	103042
7/24/19 8:00 AM	0	29	624	103042
7/24/19 8:30 AM	0	30	624	103042
7/24/19 9:00 AM	0	30	624	103042
7/24/19 9:30 AM	0	30	624	103042
7/24/19 10:00 AM	0	30	624	103042
7/24/19 10:30 AM	0	30	624	103042
7/24/19 11:00 AM	0	30	624	103042
7/24/19 11:30 AM	0	30	624	103042
7/24/19 12:00 PM	0	30	624	103042
7/24/19 12:30 PM	0	30	623	103042
7/24/19 1:00 PM	0	30	623	103042
7/24/19 1:30 PM	0	30	623	103042
7/24/19 2:00 PM	0	30	623	103042
7/24/19 2:30 PM	0	30	623	103042
7/24/19 3:00 PM	0	30	623	103042
7/24/19 3:30 PM	0	30	623	103042
7/24/19 4:00 PM	0	30	623	103042
7/24/19 4:30 PM	0	30	623	103042
7/24/19 5:00 PM	0	30	623	103042
7/24/19 5:30 PM	0	31	623	103042
7/24/19 6:00 PM	0	31	623	103042
7/24/19 6:30 PM	0	31	623	103042
7/24/19 7:00 PM	0	31	623	103042
7/24/19 7:30 PM	0	31	623	103042
7/24/19 8:00 PM	0	31	623	103042
7/24/19 8:30 PM	0	30	623	103042
7/24/19 9:00 PM	0	30	623	103042
7/24/19 9:30 PM	0	30	623	103042
7/24/19 10:00 PM	0	30	623	103042
7/24/19 10:30 PM	0	30	623	103042
7/24/19 11:00 PM	0	30	623	103042
7/24/19 11:30 PM	0	30	623	103042
7/25/19 12:00 AM	0	30	623	103042
7/25/19 12:30 AM	0	30	623	103042
7/25/19 1:00 AM	0	30	623	103042
7/25/19 1:30 AM	0	30	623	103042
7/25/19 2:00 AM	0	30	623	103042
7/25/19 2:30 AM	0	30	623	103042
7/25/19 3:00 AM	0	30	623	103042
7/25/19 3:30 AM	0	30	623	103042
7/25/19 4:00 AM	0	30	623	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/25/19 4:30 AM	0	30	623	103042
7/25/19 5:00 AM	0	30	623	103042
7/25/19 5:30 AM	0	30	623	103042
7/25/19 6:00 AM	0	30	623	103042
7/25/19 6:30 AM	0	30	623	103042
7/25/19 7:00 AM	0	30	623	103042
7/25/19 7:30 AM	0	30	623	103042
7/25/19 8:00 AM	0	30	623	103042
7/25/19 8:30 AM	0	30	623	103042
7/25/19 9:00 AM	0	30	623	103042
7/25/19 9:30 AM	0	30	623	103042
7/25/19 10:00 AM	0	30	623	103042
7/25/19 10:30 AM	0	30	622	103042
7/25/19 11:00 AM	0	30	622	103042
7/25/19 11:30 AM	0	30	622	103042
7/25/19 12:00 PM	0	30	622	103042
7/25/19 12:30 PM	0	30	622	103042
7/25/19 1:00 PM	0	30	622	103042
7/25/19 1:30 PM	0	30	622	103042
7/25/19 2:00 PM	0	31	622	103042
7/25/19 2:30 PM	0	31	622	103042
7/25/19 3:00 PM	0	31	622	103042
7/25/19 3:30 PM	0	31	622	103042
7/25/19 4:00 PM	0	31	622	103042
7/25/19 4:30 PM	0	31	622	103042
7/25/19 5:00 PM	0	31	622	103042
7/25/19 5:30 PM	0	31	622	103042
7/25/19 6:00 PM	0	31	622	103042
7/25/19 6:30 PM	0	31	622	103042
7/25/19 7:00 PM	0	31	622	103042
7/25/19 7:30 PM	0	31	622	103042
7/25/19 8:00 PM	0	31	622	103042
7/25/19 8:30 PM	0	31	622	103042
7/25/19 9:00 PM	0	31	622	103042
7/25/19 9:30 PM	0	31	622	103042
7/25/19 10:00 PM	0	31	622	103042
7/25/19 10:30 PM	0	31	622	103042
7/25/19 11:00 PM	0	31	622	103042
7/25/19 11:30 PM	0	31	622	103042
7/26/19 12:00 AM	0	31	622	103042
7/26/19 12:30 AM	0	31	622	103042
7/26/19 1:00 AM	0	31	622	103042
7/26/19 1:30 AM	0	31	622	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/26/19 2:00 AM	0	31	621	103042
7/26/19 2:30 AM	0	31	622	103042
7/26/19 3:00 AM	0	30	622	103042
7/26/19 3:30 AM	0	30	622	103042
7/26/19 4:00 AM	0	30	621	103042
7/26/19 4:30 AM	0	30	621	103042
7/26/19 5:00 AM	0	30	621	103042
7/26/19 5:30 AM	0	30	621	103042
7/26/19 6:00 AM	0	30	621	103042
7/26/19 6:30 AM	0	30	621	103042
7/26/19 7:00 AM	0	30	621	103042
7/26/19 7:30 AM	0	30	621	103042
7/26/19 8:00 AM	0	30	622	103042
7/26/19 8:30 AM	0	30	621	103042
7/26/19 9:00 AM	0	31	621	103042
7/26/19 9:30 AM	0	31	621	103042
7/26/19 10:00 AM	0	31	621	103042
7/26/19 10:30 AM	0	31	621	103042
7/26/19 11:00 AM	0	31	621	103042
7/26/19 11:30 AM	0	31	621	103042
7/26/19 12:00 PM	0	31	621	103042
7/26/19 12:30 PM	0	31	621	103042
7/26/19 1:00 PM	0	31	621	103042
7/26/19 1:30 PM	0	31	621	103042
7/26/19 2:00 PM	0	31	621	103042
7/26/19 2:30 PM	0	31	621	103042
7/26/19 3:00 PM	0	31	621	103042
7/26/19 3:30 PM	0	31	621	103042
7/26/19 4:00 PM	0	31	620	103042
7/26/19 4:30 PM	0	31	620	103042
7/26/19 5:00 PM	0	31	621	103042
7/26/19 5:30 PM	0	31	621	103042
7/26/19 6:00 PM	0	31	621	103042
7/26/19 6:30 PM	0	31	621	103042
7/26/19 7:00 PM	0	31	620	103042
7/26/19 7:30 PM	0	31	620	103042
7/26/19 8:00 PM	0	31	620	103042
7/26/19 8:30 PM	0	31	620	103042
7/26/19 9:00 PM	0	31	621	103042
7/26/19 9:30 PM	0	31	621	103042
7/26/19 10:00 PM	0	31	620	103042
7/26/19 10:30 PM	0	31	620	103042
7/26/19 11:00 PM	0	31	620	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/26/19 11:30 PM	0	31	620	103042
7/27/19 12:00 AM	0	31	620	103042
7/27/19 12:30 AM	0	31	620	103042
7/27/19 1:00 AM	0	31	620	103042
7/27/19 1:30 AM	0	31	620	103042
7/27/19 2:00 AM	0	31	620	103042
7/27/19 2:30 AM	0	31	620	103042
7/27/19 3:00 AM	0	31	620	103042
7/27/19 3:30 AM	0	31	620	103042
7/27/19 4:00 AM	0	31	620	103042
7/27/19 4:30 AM	0	31	620	103042
7/27/19 5:00 AM	0	31	620	103042
7/27/19 5:30 AM	0	31	620	103042
7/27/19 6:00 AM	0	31	620	103042
7/27/19 6:30 AM	0	31	620	103042
7/27/19 7:00 AM	0	31	620	103042
7/27/19 7:30 AM	0	31	620	103042
7/27/19 8:00 AM	0	31	620	103042
7/27/19 8:30 AM	0	31	620	103042
7/27/19 9:00 AM	0	31	620	103042
7/27/19 9:30 AM	0	31	620	103042
7/27/19 10:00 AM	0	31	620	103042
7/27/19 10:30 AM	0	31	620	103042
7/27/19 11:00 AM	0	31	620	103042
7/27/19 11:30 AM	0	31	620	103042
7/27/19 12:00 PM	0	31	620	103042
7/27/19 12:30 PM	0	31	620	103042
7/27/19 1:00 PM	0	31	620	103042
7/27/19 1:30 PM	0	31	620	103042
7/27/19 2:00 PM	0	31	620	103042
7/27/19 2:30 PM	0	31	620	103042
7/27/19 3:00 PM	0	31	619	103042
7/27/19 3:30 PM	0	31	619	103042
7/27/19 4:00 PM	0	32	619	103042
7/27/19 4:30 PM	0	32	619	103042
7/27/19 5:00 PM	0	32	618	103042
7/27/19 5:30 PM	0	32	619	103042
7/27/19 6:00 PM	0	32	619	103042
7/27/19 6:30 PM	0	32	619	103042
7/27/19 7:00 PM	0	32	619	103042
7/27/19 7:30 PM	0	31	619	103042
7/27/19 8:00 PM	0	31	619	103042
7/27/19 8:30 PM	0	31	619	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/27/19 9:00 PM	0	31	619	103042
7/27/19 9:30 PM	0	31	619	103042
7/27/19 10:00 PM	0	31	619	103042
7/27/19 10:30 PM	0	31	619	103042
7/27/19 11:00 PM	0	31	619	103042
7/27/19 11:30 PM	0	31	619	103042
7/28/19 12:00 AM	0	31	619	103042
7/28/19 12:30 AM	0	31	619	103042
7/28/19 1:00 AM	0	31	619	103042
7/28/19 1:30 AM	0	31	619	103042
7/28/19 2:00 AM	0	31	619	103042
7/28/19 2:30 AM	0	31	619	103042
7/28/19 3:00 AM	0	31	619	103042
7/28/19 3:30 AM	0	31	619	103042
7/28/19 4:00 AM	0	31	619	103042
7/28/19 4:30 AM	0	31	619	103042
7/28/19 5:00 AM	0	31	619	103042
7/28/19 5:30 AM	0	31	619	103042
7/28/19 6:00 AM	0	31	619	103042
7/28/19 6:30 AM	0	31	619	103042
7/28/19 7:00 AM	0	31	619	103042
7/28/19 7:30 AM	0	31	619	103042
7/28/19 8:00 AM	0	31	619	103042
7/28/19 8:30 AM	0	31	619	103042
7/28/19 9:00 AM	0	31	619	103042
7/28/19 9:30 AM	0	31	619	103042
7/28/19 10:00 AM	0	31	618	103042
7/28/19 10:30 AM	0	31	618	103042
7/28/19 11:00 AM	0	31	618	103042
7/28/19 11:30 AM	0	31	618	103042
7/28/19 12:00 PM	0	31	618	103042
7/28/19 12:30 PM	0	31	618	103042
7/28/19 1:00 PM	0	31	618	103042
7/28/19 1:30 PM	0	31	618	103042
7/28/19 2:00 PM	0	32	618	103042
7/28/19 2:30 PM	0	32	618	103042
7/28/19 3:00 PM	0	32	618	103042
7/28/19 3:30 PM	0	32	618	103042
7/28/19 4:00 PM	0	32	618	103042
7/28/19 4:30 PM	0	32	618	103042
7/28/19 5:00 PM	0	32	618	103042
7/28/19 5:30 PM	0	32	618	103042
7/28/19 6:00 PM	0	32	618	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/28/19 6:30 PM	0	32	618	103042
7/28/19 7:00 PM	0	32	618	103042
7/28/19 7:30 PM	0	32	618	103042
7/28/19 8:00 PM	0	32	618	103042
7/28/19 8:30 PM	0	32	618	103042
7/28/19 9:00 PM	0	32	618	103042
7/28/19 9:30 PM	0	32	618	103042
7/28/19 10:00 PM	0	32	618	103042
7/28/19 10:30 PM	0	32	618	103042
7/28/19 11:00 PM	0	32	618	103042
7/28/19 11:30 PM	0	32	618	103042
7/29/19 12:00 AM	0	32	618	103042
7/29/19 12:30 AM	0	32	618	103042
7/29/19 1:00 AM	0	32	618	103042
7/29/19 1:30 AM	0	32	618	103042
7/29/19 2:00 AM	0	32	618	103042
7/29/19 2:30 AM	0	32	617	103042
7/29/19 3:00 AM	0	32	617	103042
7/29/19 3:30 AM	0	32	617	103042
7/29/19 4:00 AM	0	32	617	103042
7/29/19 4:30 AM	0	32	617	103042
7/29/19 5:00 AM	0	32	617	103042
7/29/19 5:30 AM	0	32	617	103042
7/29/19 6:00 AM	0	31	617	103042
7/29/19 6:30 AM	0	31	617	103042
7/29/19 7:00 AM	0	31	617	103042
7/29/19 7:30 AM	0	31	618	103042
7/29/19 8:00 AM	0	31	617	103042
7/29/19 8:30 AM	0	31	617	103042
7/29/19 9:00 AM	0	32	617	103042
7/29/19 9:30 AM	0	32	617	103042
7/29/19 10:00 AM	0	32	617	103042
7/29/19 10:30 AM	0	32	617	103042
7/29/19 11:00 AM	0	32	617	103042
7/29/19 11:30 AM	0	32	617	103042
7/29/19 12:00 PM	0	32	617	103042
7/29/19 12:30 PM	0	32	617	103042
7/29/19 1:00 PM	0	32	617	103042
7/29/19 1:30 PM	0	32	617	103042
7/29/19 2:00 PM	0	32	617	103042
7/29/19 2:30 PM	0	32	617	103042
7/29/19 3:00 PM	0	32	617	103042
7/29/19 3:30 PM	0	32	617	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/29/19 4:00 PM	0	32	617	103042
7/29/19 4:30 PM	0	33	617	103042
7/29/19 5:00 PM	0	33	617	103042
7/29/19 5:30 PM	0	33	617	103042
7/29/19 6:00 PM	0	33	616	103042
7/29/19 6:30 PM	0	33	616	103042
7/29/19 7:00 PM	0	33	617	103042
7/29/19 7:30 PM	0	33	617	103042
7/29/19 8:00 PM	0	33	616	103042
7/29/19 8:30 PM	0	33	616	103042
7/29/19 9:00 PM	0	33	616	103042
7/29/19 9:30 PM	0	33	617	103042
7/29/19 10:00 PM	0	32	617	103042
7/29/19 10:30 PM	0	32	616	103042
7/29/19 11:00 PM	0	32	616	103042
7/29/19 11:30 PM	0	32	617	103042
7/30/19 12:00 AM	0	32	616	103042
7/30/19 12:30 AM	0	32	616	103042
7/30/19 1:00 AM	0	32	616	103042
7/30/19 1:30 AM	0	32	616	103042
7/30/19 2:00 AM	0	32	616	103042
7/30/19 2:30 AM	0	32	616	103042
7/30/19 3:00 AM	0	32	616	103042
7/30/19 3:30 AM	0	32	616	103042
7/30/19 4:00 AM	0	32	616	103042
7/30/19 4:30 AM	0	32	616	103042
7/30/19 5:00 AM	0	32	616	103042
7/30/19 5:30 AM	0	32	616	103042
7/30/19 6:00 AM	0	32	616	103042
7/30/19 6:30 AM	0	32	616	103042
7/30/19 7:00 AM	0	32	616	103042
7/30/19 7:30 AM	0	32	616	103042
7/30/19 8:00 AM	0	32	616	103042
7/30/19 8:30 AM	0	32	616	103042
7/30/19 9:00 AM	0	32	616	103042
7/30/19 9:30 AM	0	32	616	103042
7/30/19 10:00 AM	0	32	616	103042
7/30/19 10:30 AM	0	32	616	103042
7/30/19 11:00 AM	0	32	616	103042
7/30/19 11:30 AM	0	32	616	103042
7/30/19 12:00 PM	0	32	616	103042
7/30/19 12:30 PM	0	32	616	103042
7/30/19 1:00 PM	0	32	615	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/30/19 1:30 PM	0	32	615	103042
7/30/19 2:00 PM	0	32	615	103042
7/30/19 2:30 PM	0	33	615	103042
7/30/19 3:00 PM	0	33	616	103042
7/30/19 3:30 PM	0	33	615	103042
7/30/19 4:00 PM	0	33	615	103042
7/30/19 4:30 PM	0	33	615	103042
7/30/19 5:00 PM	0	33	616	103042
7/30/19 5:30 PM	0	33	615	103042
7/30/19 6:00 PM	0	33	615	103042
7/30/19 6:30 PM	0	33	615	103042
7/30/19 7:00 PM	0	33	615	103042
7/30/19 7:30 PM	0	33	615	103042
7/30/19 8:00 PM	0	33	615	103042
7/30/19 8:30 PM	0	33	615	103042
7/30/19 9:00 PM	0	33	615	103042
7/30/19 9:30 PM	0	33	615	103042
7/30/19 10:00 PM	0	33	615	103042
7/30/19 10:30 PM	0	33	615	103042
7/30/19 11:00 PM	0	33	615	103042
7/30/19 11:30 PM	0	33	615	103042
7/31/19 12:00 AM	0	33	615	103042
7/31/19 12:30 AM	0	33	615	103042
7/31/19 1:00 AM	0	32	615	103042
7/31/19 1:30 AM	0	32	615	103042
7/31/19 2:00 AM	0	32	615	103042
7/31/19 2:30 AM	0	32	615	103042
7/31/19 3:00 AM	0	32	615	103042
7/31/19 3:30 AM	0	32	615	103042
7/31/19 4:00 AM	0	32	615	103042
7/31/19 4:30 AM	0	32	615	103042
7/31/19 5:00 AM	0	32	615	103042
7/31/19 5:30 AM	0	32	615	103042
7/31/19 6:00 AM	0	32	615	103042
7/31/19 6:30 AM	0	32	615	103042
7/31/19 7:00 AM	0	32	615	103042
7/31/19 7:30 AM	0	32	615	103042
7/31/19 8:00 AM	0	32	615	103042
7/31/19 8:30 AM	0	32	615	103042
7/31/19 9:00 AM	0	32	615	103042
7/31/19 9:30 AM	0	32	615	103042
7/31/19 10:00 AM	0	32	615	103042
7/31/19 10:30 AM	0	32	615	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/31/19 11:00 AM	0	33	615	103042
7/31/19 11:30 AM	0	33	615	103042
7/31/19 12:00 PM	0	33	615	103042
7/31/19 12:30 PM	0	33	615	103042
7/31/19 1:00 PM	0	33	614	103042
7/31/19 1:30 PM	0	33	614	103042
7/31/19 2:00 PM	0	33	614	103042
7/31/19 2:30 PM	0	33	614	103042
7/31/19 3:00 PM	0	33	614	103042
7/31/19 3:30 PM	0	33	614	103042
7/31/19 4:00 PM	0	33	614	103042
7/31/19 4:30 PM	0	33	614	103042
7/31/19 5:00 PM	0	33	614	103042
7/31/19 5:30 PM	0	33	614	103042
7/31/19 6:00 PM	0	33	614	103042
7/31/19 6:30 PM	0	33	614	103042
7/31/19 7:00 PM	0	33	614	103042
7/31/19 7:30 PM	0	33	614	103042
7/31/19 8:00 PM	0	33	614	103042
7/31/19 8:30 PM	0	33	614	103042
7/31/19 9:00 PM	0	33	614	103042
7/31/19 9:30 PM	0	33	614	103042
7/31/19 10:00 PM	0	33	614	103042
7/31/19 10:30 PM	0	33	614	103042
7/31/19 11:00 PM	0	33	614	103042
7/31/19 11:30 PM	0	33	614	103042
8/1/19 12:00 AM	0	33	614	103042
8/1/19 12:30 AM	0	33	614	103042
8/1/19 1:00 AM	0	33	614	103042
8/1/19 1:30 AM	0	33	614	103042
8/1/19 2:00 AM	0	33	614	103042
8/1/19 2:30 AM	0	33	614	103042
8/1/19 3:00 AM	0	33	614	103042
8/1/19 3:30 AM	0	33	614	103042
8/1/19 4:00 AM	0	33	614	103042
8/1/19 4:30 AM	0	33	614	103042
8/1/19 5:00 AM	0	33	614	103042
8/1/19 5:30 AM	0	33	614	103042
8/1/19 6:00 AM	0	33	614	103042
8/1/19 6:30 AM	0	33	614	103042
8/1/19 7:00 AM	0	33	614	103042
8/1/19 7:30 AM	0	33	614	103042
8/1/19 8:00 AM	0	33	614	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/1/19 8:30 AM	0	33	614	103042
8/1/19 9:00 AM	0	33	614	103042
8/1/19 9:30 AM	0	33	614	103042
8/1/19 10:00 AM	0	33	614	103042
8/1/19 10:30 AM	0	33	614	103042
8/1/19 11:00 AM	0	33	613	103042
8/1/19 11:30 AM	0	33	613	103042
8/1/19 12:00 PM	0	33	613	103042
8/1/19 12:30 PM	0	33	613	103042
8/1/19 1:00 PM	0	33	613	103042
8/1/19 1:30 PM	0	33	613	103042
8/1/19 2:00 PM	0	33	613	103042
8/1/19 2:30 PM	0	34	613	103042
8/1/19 3:00 PM	0	34	613	103042
8/1/19 3:30 PM	0	34	613	103042
8/1/19 4:00 PM	0	34	613	103042
8/1/19 4:30 PM	0	34	613	103042
8/1/19 5:00 PM	0	34	613	103042
8/1/19 5:30 PM	0	34	613	103042
8/1/19 6:00 PM	0	34	613	103042
8/1/19 6:30 PM	0	34	613	103042
8/1/19 7:00 PM	0	34	613	103042
8/1/19 7:30 PM	0	34	613	103042
8/1/19 8:00 PM	0	34	613	103042
8/1/19 8:30 PM	0	34	613	103042
8/1/19 9:00 PM	0	34	613	103042
8/1/19 9:30 PM	0	34	613	103042
8/1/19 10:00 PM	0	34	613	103042
8/1/19 10:30 PM	0	34	613	103042
8/1/19 11:00 PM	0	34	613	103042
8/1/19 11:30 PM	0	34	613	103042
8/2/19 12:00 AM	0	34	613	103042
8/2/19 12:30 AM	0	34	613	103042
8/2/19 1:00 AM	0	34	613	103042
8/2/19 1:30 AM	0	34	613	103042
8/2/19 2:00 AM	0	33	613	103042
8/2/19 2:30 AM	0	33	613	103042
8/2/19 3:00 AM	0	33	613	103042
8/2/19 3:30 AM	0	33	613	103042
8/2/19 4:00 AM	0	33	613	103042
8/2/19 4:30 AM	0	33	613	103042
8/2/19 5:00 AM	0	33	613	103042
8/2/19 5:30 AM	0	33	612	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/2/19 6:00 AM	0	33	612	103042
8/2/19 6:30 AM	0	33	612	103042
8/2/19 7:00 AM	0	33	612	103042
8/2/19 7:30 AM	0	33	613	103042
8/2/19 8:00 AM	0	33	613	103042
8/2/19 8:30 AM	0	33	613	103042
8/2/19 9:00 AM	0	33	613	103042
8/2/19 9:30 AM	0	33	613	103042
8/2/19 10:00 AM	0	33	612	103042
8/2/19 10:30 AM	0	33	612	103042
8/2/19 11:00 AM	0	34	612	103042
8/2/19 11:30 AM	0	34	612	103042
8/2/19 12:00 PM	0	34	612	103042
8/2/19 12:30 PM	0	34	612	103042
8/2/19 1:00 PM	0	34	612	103042
8/2/19 1:30 PM	0	34	612	103042
8/2/19 2:00 PM	0	34	612	103042
8/2/19 2:30 PM	0	34	612	103042
8/2/19 3:00 PM	0	34	612	103042
8/2/19 3:30 PM	0	34	612	103042
8/2/19 4:00 PM	0	34	612	103042
8/2/19 4:30 PM	0	34	612	103042
8/2/19 5:00 PM	0	34	612	103042
8/2/19 5:30 PM	0	34	612	103042
8/2/19 6:00 PM	0	34	612	103042
8/2/19 6:30 PM	0	34	611	103042
8/2/19 7:00 PM	0	34	612	103042
8/2/19 7:30 PM	0	34	612	103042
8/2/19 8:00 PM	0	34	612	103042
8/2/19 8:30 PM	0	34	612	103042
8/2/19 9:00 PM	0	34	612	103042
8/2/19 9:30 PM	0	34	612	103042
8/2/19 10:00 PM	0	34	612	103042
8/2/19 10:30 PM	0	34	612	103042
8/2/19 11:00 PM	0	34	612	103042
8/2/19 11:30 PM	0	34	612	103042
8/3/19 12:00 AM	0	34	612	103042
8/3/19 12:30 AM	0	34	612	103042
8/3/19 1:00 AM	0	34	611	103042
8/3/19 1:30 AM	0	34	612	103042
8/3/19 2:00 AM	0	34	611	103042
8/3/19 2:30 AM	0	34	611	103042
8/3/19 3:00 AM	0	34	611	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/3/19 3:30 AM	0	34	611	103042
8/3/19 4:00 AM	0	34	611	103042
8/3/19 4:30 AM	0	34	611	103042
8/3/19 5:00 AM	0	34	611	103042
8/3/19 5:30 AM	0	34	611	103042
8/3/19 6:00 AM	0	34	611	103042
8/3/19 6:30 AM	0	34	611	103042
8/3/19 7:00 AM	0	34	611	103042
8/3/19 7:30 AM	0	34	611	103042
8/3/19 8:00 AM	0	34	611	103042
8/3/19 8:30 AM	0	34	611	103042
8/3/19 9:00 AM	0	34	611	103042
8/3/19 9:30 AM	0	34	611	103042
8/3/19 10:00 AM	0	34	611	103042
8/3/19 10:30 AM	0	34	611	103042
8/3/19 11:00 AM	0	34	611	103042
8/3/19 11:30 AM	0	34	611	103042
8/3/19 12:00 PM	0	34	611	103042
8/3/19 12:30 PM	0	34	611	103042
8/3/19 1:00 PM	0	34	611	103042
8/3/19 1:30 PM	0	34	611	103042
8/3/19 2:00 PM	0	34	611	103042
8/3/19 2:30 PM	0	34	611	103042
8/3/19 3:00 PM	0	34	610	103042
8/3/19 3:30 PM	0	34	611	103042
8/3/19 4:00 PM	0	34	611	103042
8/3/19 4:30 PM	0	34	611	103042
8/3/19 5:00 PM	0	35	611	103042
8/3/19 5:30 PM	0	35	610	103042
8/3/19 6:00 PM	0	35	611	103042
8/3/19 6:30 PM	0	35	611	103042
8/3/19 7:00 PM	0	35	610	103042
8/3/19 7:30 PM	0	35	610	103042
8/3/19 8:00 PM	0	35	610	103042
8/3/19 8:30 PM	0	35	610	103042
8/3/19 9:00 PM	0	35	610	103042
8/3/19 9:30 PM	0	35	610	103042
8/3/19 10:00 PM	0	35	610	103042
8/3/19 10:30 PM	0	34	610	103042
8/3/19 11:00 PM	0	34	610	103042
8/3/19 11:30 PM	0	34	610	103042
8/4/19 12:00 AM	0	34	610	103042
8/4/19 12:30 AM	0	34	610	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/4/19 1:00 AM	0	34	610	103042
8/4/19 1:30 AM	0	34	610	103042
8/4/19 2:00 AM	0	34	610	103042
8/4/19 2:30 AM	0	34	610	103042
8/4/19 3:00 AM	0	34	610	103042
8/4/19 3:30 AM	0	34	610	103042
8/4/19 4:00 AM	0	34	610	103042
8/4/19 4:30 AM	0	34	610	103042
8/4/19 5:00 AM	0	34	610	103042
8/4/19 5:30 AM	0	34	610	103042
8/4/19 6:00 AM	0	34	610	103042
8/4/19 6:30 AM	0	34	610	103042
8/4/19 7:00 AM	0	34	610	103042
8/4/19 7:30 AM	0	34	610	103042
8/4/19 8:00 AM	0	34	610	103042
8/4/19 8:30 AM	0	34	610	103042
8/4/19 9:00 AM	0	34	610	103042
8/4/19 9:30 AM	0	34	610	103042
8/4/19 10:00 AM	0	34	610	103042
8/4/19 10:30 AM	0	34	610	103042
8/4/19 11:00 AM	0	34	610	103042
8/4/19 11:30 AM	0	34	610	103042
8/4/19 12:00 PM	0	34	610	103042
8/4/19 12:30 PM	0	34	610	103042
8/4/19 1:00 PM	0	35	610	103042
8/4/19 1:30 PM	0	35	609	103042
8/4/19 2:00 PM	0	35	610	103042
8/4/19 2:30 PM	0	35	609	103042
8/4/19 3:00 PM	0	35	609	103042
8/4/19 3:30 PM	0	35	610	103042
8/4/19 4:00 PM	0	35	609	103042
8/4/19 4:30 PM	0	35	609	103042
8/4/19 5:00 PM	0	35	609	103042
8/4/19 5:30 PM	0	35	609	103042
8/4/19 6:00 PM	0	35	609	103042
8/4/19 6:30 PM	0	35	609	103042
8/4/19 7:00 PM	0	35	609	103042
8/4/19 7:30 PM	0	35	609	103042
8/4/19 8:00 PM	0	35	609	103042
8/4/19 8:30 PM	0	35	609	103042
8/4/19 9:00 PM	0	35	609	103042
8/4/19 9:30 PM	0	35	609	103042
8/4/19 10:00 PM	0	35	609	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/4/19 10:30 PM	0	35	609	103042
8/4/19 11:00 PM	0	35	609	103042
8/4/19 11:30 PM	0	35	609	103042
8/5/19 12:00 AM	0	35	609	103042
8/5/19 12:30 AM	0	35	609	103042
8/5/19 1:00 AM	0	35	609	103042
8/5/19 1:30 AM	0	35	609	103042
8/5/19 2:00 AM	0	35	609	103042
8/5/19 2:30 AM	0	35	609	103042
8/5/19 3:00 AM	0	35	609	103042
8/5/19 3:30 AM	0	35	609	103042
8/5/19 4:00 AM	0	35	609	103042
8/5/19 4:30 AM	0	35	609	103042
8/5/19 5:00 AM	0	34	609	103042
8/5/19 5:30 AM	0	34	609	103042
8/5/19 6:00 AM	0	34	609	103042
8/5/19 6:30 AM	0	34	609	103042
8/5/19 7:00 AM	0	34	609	103042
8/5/19 7:30 AM	0	34	609	103042
8/5/19 8:00 AM	0	34	609	103042
8/5/19 8:30 AM	0	34	609	103042
8/5/19 9:00 AM	0	34	609	103042
8/5/19 9:30 AM	0	35	609	103042
8/5/19 10:00 AM	0	35	609	103042
8/5/19 10:30 AM	0	35	609	103042
8/5/19 11:00 AM	0	35	609	103042
8/5/19 11:30 AM	0	35	608	103042
8/5/19 12:00 PM	0	35	608	103042
8/5/19 12:30 PM	0	35	608	103042
8/5/19 1:00 PM	0	35	608	103042
8/5/19 1:30 PM	0	35	608	103042
8/5/19 2:00 PM	0	35	608	103042
8/5/19 2:30 PM	0	35	608	103042
8/5/19 3:00 PM	0	35	608	103042
8/5/19 3:30 PM	0	35	608	103042
8/5/19 4:00 PM	0	35	608	103042
8/5/19 4:30 PM	0	35	608	103042
8/5/19 5:00 PM	0	36	608	103042
8/5/19 5:30 PM	0	36	608	103042
8/5/19 6:00 PM	0	36	608	103042
8/5/19 6:30 PM	0	36	608	103042
8/5/19 7:00 PM	0	36	608	103042
8/5/19 7:30 PM	0	36	608	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/5/19 8:00 PM	0	36	608	103042
8/5/19 8:30 PM	0	36	608	103042
8/5/19 9:00 PM	0	36	608	103042
8/5/19 9:30 PM	0	35	608	103042
8/5/19 10:00 PM	0	35	608	103042
8/5/19 10:30 PM	0	35	608	103042
8/5/19 11:00 PM	0	35	608	103042
8/5/19 11:30 PM	0	35	608	103042
8/6/19 12:00 AM	0	35	608	103042
8/6/19 12:30 AM	0	35	608	103042
8/6/19 1:00 AM	0	35	608	103042
8/6/19 1:30 AM	0	35	608	103042
8/6/19 2:00 AM	0	35	608	103042
8/6/19 2:30 AM	0	35	608	103042
8/6/19 3:00 AM	0	35	608	103042
8/6/19 3:30 AM	0	35	608	103042
8/6/19 4:00 AM	0	35	608	103042
8/6/19 4:30 AM	0	35	608	103042
8/6/19 5:00 AM	0	35	608	103042
8/6/19 5:30 AM	0	35	608	103042
8/6/19 6:00 AM	0	35	608	103042
8/6/19 6:30 AM	0	35	608	103042
8/6/19 7:00 AM	0	35	608	103042
8/6/19 7:30 AM	0	35	608	103042
8/6/19 8:00 AM	0	35	608	103042
8/6/19 8:30 AM	0	35	608	103042
8/6/19 9:00 AM	0	35	608	103042
8/6/19 9:30 AM	0	35	608	103042
8/6/19 10:00 AM	0	35	608	103042
8/6/19 10:30 AM	0	35	608	103042
8/6/19 11:00 AM	0	35	607	103042
8/6/19 11:30 AM	0	35	607	103042
8/6/19 12:00 PM	0	35	607	103042
8/6/19 12:30 PM	0	35	607	103042
8/6/19 1:00 PM	0	35	607	103042
8/6/19 1:30 PM	0	35	607	103042
8/6/19 2:00 PM	0	36	607	103042
8/6/19 2:30 PM	0	36	607	103042
8/6/19 3:00 PM	0	36	607	103042
8/6/19 3:30 PM	0	36	607	103042
8/6/19 4:00 PM	0	36	607	103042
8/6/19 4:30 PM	0	36	607	103042
8/6/19 5:00 PM	0	36	607	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/6/19 5:30 PM	0	36	607	103042
8/6/19 6:00 PM	0	36	607	103042
8/6/19 6:30 PM	0	36	607	103042
8/6/19 7:00 PM	0	36	607	103042
8/6/19 7:30 PM	0	36	607	103042
8/6/19 8:00 PM	0	36	607	103042
8/6/19 8:30 PM	0	36	607	103042
8/6/19 9:00 PM	0	36	607	103042
8/6/19 9:30 PM	0	36	607	103042
8/6/19 10:00 PM	0	36	607	103042
8/6/19 10:30 PM	0	36	607	103042
8/6/19 11:00 PM	0	36	607	103042
8/6/19 11:30 PM	0	36	607	103042
8/7/19 12:00 AM	0	36	607	103042
8/7/19 12:30 AM	0	36	607	103042
8/7/19 1:00 AM	0	35	607	103042
8/7/19 1:30 AM	0	35	607	103042
8/7/19 2:00 AM	0	35	607	103042
8/7/19 2:30 AM	0	35	607	103042
8/7/19 3:00 AM	0	35	607	103042
8/7/19 3:30 AM	0	35	607	103042
8/7/19 4:00 AM	0	35	607	103042
8/7/19 4:30 AM	0	35	607	103042
8/7/19 5:00 AM	0	35	607	103042
8/7/19 5:30 AM	0	35	606	103042
8/7/19 6:00 AM	0	35	606	103042
8/7/19 6:30 AM	0	35	606	103042
8/7/19 7:00 AM	0	35	606	103042
8/7/19 7:30 AM	0	35	607	103042
8/7/19 8:00 AM	0	35	607	103042
8/7/19 8:30 AM	0	35	607	103042
8/7/19 9:00 AM	0	35	606	103042
8/7/19 9:30 AM	0	35	606	103042
8/7/19 10:00 AM	0	35	606	103042
8/7/19 10:30 AM	0	35	606	103042
8/7/19 11:00 AM	0	35	606	103042
8/7/19 11:30 AM	0	35	606	103042
8/7/19 12:00 PM	0	35	606	103042
8/7/19 12:30 PM	0	35	606	103042
8/7/19 1:00 PM	0	36	606	103042
8/7/19 1:30 PM	0	36	606	103042
8/7/19 2:00 PM	0	36	606	103042
8/7/19 2:30 PM	0	36	606	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/7/19 3:00 PM	0	36	606	103042
8/7/19 3:30 PM	0	36	606	103042
8/7/19 4:00 PM	0	36	606	103042
8/7/19 4:30 PM	0	36	606	103042
8/7/19 5:00 PM	0	36	606	103042
8/7/19 5:30 PM	0	36	606	103042
8/7/19 6:00 PM	0	36	606	103042
8/7/19 6:30 PM	0	36	606	103042
8/7/19 7:00 PM	0	36	606	103042
8/7/19 7:30 PM	0	36	606	103042
8/7/19 8:00 PM	0	36	606	103042
8/7/19 8:30 PM	0	36	606	103042
8/7/19 9:00 PM	0	36	606	103042
8/7/19 9:30 PM	0	36	606	103042
8/7/19 10:00 PM	0	36	606	103042
8/7/19 10:30 PM	0	36	606	103042
8/7/19 11:00 PM	0	36	606	103042
8/7/19 11:30 PM	0	36	606	103042
8/8/19 12:00 AM	0	36	606	103042
8/8/19 12:30 AM	0	36	606	103042
8/8/19 1:00 AM	0	36	606	103042
8/8/19 1:30 AM	0	36	606	103042
8/8/19 2:00 AM	0	36	606	103042
8/8/19 2:30 AM	0	36	606	103042
8/8/19 3:00 AM	0	36	606	103042
8/8/19 3:30 AM	0	36	606	103042
8/8/19 4:00 AM	0	36	605	103042
8/8/19 4:30 AM	0	35	605	103042
8/8/19 5:00 AM	0	35	605	103042
8/8/19 5:30 AM	0	35	605	103042
8/8/19 6:00 AM	0	35	605	103042
8/8/19 6:30 AM	0	35	605	103042
8/8/19 7:00 AM	0	35	605	103042
8/8/19 7:30 AM	0	35	605	103042
8/8/19 8:00 AM	0	35	606	103042
8/8/19 8:30 AM	0	35	605	103042
8/8/19 9:00 AM	0	35	605	103042
8/8/19 9:30 AM	0	35	605	103042
8/8/19 10:00 AM	0	35	605	103042
8/8/19 10:30 AM	0	35	605	103042
8/8/19 11:00 AM	0	36	605	103042
8/8/19 11:30 AM	0	36	605	103042
8/8/19 12:00 PM	0	36	605	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/8/19 12:30 PM	0	36	605	103042
8/8/19 1:00 PM	0	36	605	103042
8/8/19 1:30 PM	0	36	605	103042
8/8/19 2:00 PM	0	36	605	103042
8/8/19 2:30 PM	0	36	605	103042
8/8/19 3:00 PM	0	36	605	103042
8/8/19 3:30 PM	0	36	605	103042
8/8/19 4:00 PM	0	36	605	103042
8/8/19 4:30 PM	0	36	605	103042
8/8/19 5:00 PM	0	36	605	103042
8/8/19 5:30 PM	0	36	605	103042
8/8/19 6:00 PM	0	36	605	103042
8/8/19 6:30 PM	0	36	605	103042
8/8/19 7:00 PM	0	37	605	103042
8/8/19 7:30 PM	0	37	605	103042
8/8/19 8:00 PM	0	36	605	103042
8/8/19 8:30 PM	0	36	604	103042
8/8/19 9:00 PM	0	36	605	103042
8/8/19 9:30 PM	0	36	605	103042
8/8/19 10:00 PM	0	36	605	103042
8/8/19 10:30 PM	0	36	605	103042
8/8/19 11:00 PM	0	36	605	103042
8/8/19 11:30 PM	0	36	605	103042
8/9/19 12:00 AM	0	36	605	103042
8/9/19 12:30 AM	0	36	605	103042
8/9/19 1:00 AM	0	36	604	103042
8/9/19 1:30 AM	0	36	604	103042
8/9/19 2:00 AM	0	36	605	103042
8/9/19 2:30 AM	0	36	605	103042
8/9/19 3:00 AM	0	36	604	103042
8/9/19 3:30 AM	0	36	604	103042
8/9/19 4:00 AM	0	36	604	103042
8/9/19 4:30 AM	0	36	604	103042
8/9/19 5:00 AM	0	36	604	103042
8/9/19 5:30 AM	0	36	604	103042
8/9/19 6:00 AM	0	36	604	103042
8/9/19 6:30 AM	0	36	604	103042
8/9/19 7:00 AM	0	36	604	103042
8/9/19 7:30 AM	0	36	604	103042
8/9/19 8:00 AM	0	36	604	103042
8/9/19 8:30 AM	0	36	604	103042
8/9/19 9:00 AM	0	36	604	103042
8/9/19 9:30 AM	0	36	604	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/9/19 10:00 AM	0	36	604	103042
8/9/19 10:30 AM	0	36	604	103042
8/9/19 11:00 AM	0	36	604	103042
8/9/19 11:30 AM	0	36	604	103042
8/9/19 12:00 PM	0	36	604	103042
8/9/19 12:30 PM	0	36	604	103042
8/9/19 1:00 PM	0	36	604	103042
8/9/19 1:30 PM	0	36	604	103042
8/9/19 2:00 PM	0	36	604	103042
8/9/19 2:30 PM	0	36	604	103042
8/9/19 3:00 PM	0	37	604	103042
8/9/19 3:30 PM	0	37	604	103042
8/9/19 4:00 PM	0	37	604	103042
8/9/19 4:30 PM	0	37	604	103042
8/9/19 5:00 PM	0	37	604	103042
8/9/19 5:30 PM	0	37	604	103042
8/9/19 6:00 PM	0	37	603	103042
8/9/19 6:30 PM	0	37	603	103042
8/9/19 7:00 PM	0	37	603	103042
8/9/19 7:30 PM	0	37	603	103042
8/9/19 8:00 PM	0	37	603	103042
8/9/19 8:30 PM	0	37	604	103042
8/9/19 9:00 PM	0	37	604	103042
8/9/19 9:30 PM	0	37	604	103042
8/9/19 10:00 PM	0	37	604	103042
8/9/19 10:30 PM	0	37	604	103042
8/9/19 11:00 PM	0	37	604	103042
8/9/19 11:30 PM	0	37	603	103042
8/10/19 12:00 AM	0	37	603	103042
8/10/19 12:30 AM	0	37	603	103042
8/10/19 1:00 AM	0	37	603	103042
8/10/19 1:30 AM	0	37	603	103042
8/10/19 2:00 AM	0	36	603	103042
8/10/19 2:30 AM	0	36	603	103042
8/10/19 3:00 AM	0	36	603	103042
8/10/19 3:30 AM	0	36	603	103042
8/10/19 4:00 AM	0	36	603	103042
8/10/19 4:30 AM	0	36	603	103042
8/10/19 5:00 AM	0	36	603	103042
8/10/19 5:30 AM	0	36	603	103042
8/10/19 6:00 AM	0	36	603	103042
8/10/19 6:30 AM	0	36	603	103042
8/10/19 7:00 AM	0	36	603	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/10/19 7:30 AM	0	36	603	103042
8/10/19 8:00 AM	0	36	603	103042
8/10/19 8:30 AM	0	36	603	103042
8/10/19 9:00 AM	0	36	603	103042
8/10/19 9:30 AM	0	36	603	103042
8/10/19 10:00 AM	0	36	603	103042
8/10/19 10:30 AM	0	36	603	103042
8/10/19 11:00 AM	0	36	603	103042
8/10/19 11:30 AM	0	37	603	103042
8/10/19 12:00 PM	0	37	603	103042
8/10/19 12:30 PM	0	37	603	103042
8/10/19 1:00 PM	0	37	603	103042
8/10/19 1:30 PM	0	37	603	103042
8/10/19 2:00 PM	0	37	603	103042
8/10/19 2:30 PM	0	37	602	103042
8/10/19 3:00 PM	0	37	602	103042
8/10/19 3:30 PM	0	37	602	103042
8/10/19 4:00 PM	0	37	602	103042
8/10/19 4:30 PM	0	37	602	103042
8/10/19 5:00 PM	0	37	603	103042
8/10/19 5:30 PM	0	37	602	103042
8/10/19 6:00 PM	0	37	602	103042
8/10/19 6:30 PM	0	37	602	103042
8/10/19 7:00 PM	0	37	602	103042
8/10/19 7:30 PM	0	37	603	103042
8/10/19 8:00 PM	0	37	603	103042
8/10/19 8:30 PM	0	37	603	103042
8/10/19 9:00 PM	0	37	602	103042
8/10/19 9:30 PM	0	37	602	103042
8/10/19 10:00 PM	0	37	602	103042
8/10/19 10:30 PM	0	37	602	103042
8/10/19 11:00 PM	0	37	602	103042
8/10/19 11:30 PM	0	37	602	103042
8/11/19 12:00 AM	0	37	602	103042
8/11/19 12:30 AM	0	37	602	103042
8/11/19 1:00 AM	0	37	602	103042
8/11/19 1:30 AM	0	37	602	103042
8/11/19 2:00 AM	0	37	602	103042
8/11/19 2:30 AM	0	37	602	103042
8/11/19 3:00 AM	0	36	602	103042
8/11/19 3:30 AM	0	36	602	103042
8/11/19 4:00 AM	0	36	602	103042
8/11/19 4:30 AM	0	36	602	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/11/19 5:00 AM	0	36	602	103042
8/11/19 5:30 AM	0	36	602	103042
8/11/19 6:00 AM	0	36	602	103042
8/11/19 6:30 AM	0	36	602	103042
8/11/19 7:00 AM	0	36	602	103042
8/11/19 7:30 AM	0	36	602	103042
8/11/19 8:00 AM	0	36	602	103042
8/11/19 8:30 AM	0	36	602	103042
8/11/19 9:00 AM	0	36	602	103042
8/11/19 9:30 AM	0	36	602	103042
8/11/19 10:00 AM	0	36	602	103042
8/11/19 10:30 AM	0	36	602	103042
8/11/19 11:00 AM	0	37	602	103042
8/11/19 11:30 AM	0	37	602	103042
8/11/19 12:00 PM	0	37	602	103042
8/11/19 12:30 PM	0	37	602	103042
8/11/19 1:00 PM	0	37	602	103042
8/11/19 1:30 PM	0	37	602	103042
8/11/19 2:00 PM	0	37	602	103042
8/11/19 2:30 PM	0	37	601	103042
8/11/19 3:00 PM	0	37	601	103042
8/11/19 3:30 PM	0	37	602	103042
8/11/19 4:00 PM	0	37	601	103042
8/11/19 4:30 PM	0	37	601	103042
8/11/19 5:00 PM	0	37	601	103042
8/11/19 5:30 PM	0	38	601	103042
8/11/19 6:00 PM	0	38	602	103042
8/11/19 6:30 PM	0	38	601	103042
8/11/19 7:00 PM	0	38	601	103042
8/11/19 7:30 PM	0	38	601	103042
8/11/19 8:00 PM	0	38	601	103042
8/11/19 8:30 PM	0	38	601	103042
8/11/19 9:00 PM	0	38	601	103042
8/11/19 9:30 PM	0	38	601	103042
8/11/19 10:00 PM	0	38	601	103042
8/11/19 10:30 PM	0	37	601	103042
8/11/19 11:00 PM	0	37	601	103042
8/11/19 11:30 PM	0	37	601	103042
8/12/19 12:00 AM	0	37	601	103042
8/12/19 12:30 AM	0	37	601	103042
8/12/19 1:00 AM	0	37	601	103042
8/12/19 1:30 AM	0	37	601	103042
8/12/19 2:00 AM	0	37	601	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/12/19 2:30 AM	0	37	601	103042
8/12/19 3:00 AM	0	37	601	103042
8/12/19 3:30 AM	0	37	601	103042
8/12/19 4:00 AM	0	37	601	103042
8/12/19 4:30 AM	0	37	601	103042
8/12/19 5:00 AM	0	37	601	103042
8/12/19 5:30 AM	0	37	601	103042
8/12/19 6:00 AM	0	37	601	103042
8/12/19 6:30 AM	0	37	601	103042
8/12/19 7:00 AM	0	37	601	103042
8/12/19 7:30 AM	0	37	601	103042
8/12/19 8:00 AM	0	37	601	103042
8/12/19 8:30 AM	0	37	601	103042
8/12/19 9:00 AM	0	37	601	103042
8/12/19 9:30 AM	0	37	601	103042
8/12/19 10:00 AM	0	37	601	103042
8/12/19 10:30 AM	0	37	601	103042
8/12/19 11:00 AM	0	37	601	103042
8/12/19 11:30 AM	0	37	601	103042
8/12/19 12:00 PM	0	37	601	103042
8/12/19 12:30 PM	0	37	600	103042
8/12/19 1:00 PM	0	37	600	103042
8/12/19 1:30 PM	0	37	600	103042
8/12/19 2:00 PM	0	38	600	103042
8/12/19 2:30 PM	0	38	600	103042
8/12/19 3:00 PM	0	38	600	103042
8/12/19 3:30 PM	0	38	600	103042
8/12/19 4:00 PM	0	38	600	103042
8/12/19 4:30 PM	0	38	600	103042
8/12/19 5:00 PM	0	38	600	103042
8/12/19 5:30 PM	0	38	600	103042
8/12/19 6:00 PM	0	38	600	103042
8/12/19 6:30 PM	0	38	600	103042
8/12/19 7:00 PM	0	38	600	103042
8/12/19 7:30 PM	0	38	600	103042
8/12/19 8:00 PM	0	38	600	103042
8/12/19 8:30 PM	0	38	600	103042
8/12/19 9:00 PM	0	38	600	103042
8/12/19 9:30 PM	0	38	600	103042
8/12/19 10:00 PM	0	38	600	103042
8/12/19 10:30 PM	0	38	600	103042
8/12/19 11:00 PM	0	38	600	103042
8/12/19 11:30 PM	0	38	600	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/13/19 12:00 AM	0	38	600	103042
8/13/19 12:30 AM	0	38	600	103042
8/13/19 1:00 AM	0	37	600	103042
8/13/19 1:30 AM	0	37	600	103042
8/13/19 2:00 AM	0	37	600	103042
8/13/19 2:30 AM	0	37	600	103042
8/13/19 3:00 AM	0	37	600	103042
8/13/19 3:30 AM	0	37	600	103042
8/13/19 4:00 AM	0	37	600	103042
8/13/19 4:30 AM	0	37	600	103042
8/13/19 5:00 AM	0	37	600	103042
8/13/19 5:30 AM	0	37	600	103042
8/13/19 6:00 AM	0	37	600	103042
8/13/19 6:30 AM	0	37	600	103042
8/13/19 7:00 AM	0	37	600	103042
8/13/19 7:30 AM	0	37	600	103042
8/13/19 8:00 AM	0	37	600	103042
8/13/19 8:30 AM	0	37	600	103042
8/13/19 9:00 AM	0	37	600	103042
8/13/19 9:30 AM	0	37	600	103042
8/13/19 10:00 AM	0	37	600	103042
8/13/19 10:30 AM	0	37	600	103042
8/13/19 11:00 AM	0	37	600	103042
8/13/19 11:30 AM	0	37	600	103042
8/13/19 12:00 PM	0	38	599	103042
8/13/19 12:30 PM	0	38	599	103042
8/13/19 1:00 PM	0	38	599	103042
8/13/19 1:30 PM	0	38	599	103042
8/13/19 2:00 PM	0	38	599	103042
8/13/19 2:30 PM	0	38	599	103042
8/13/19 3:00 PM	0	38	599	103042
8/13/19 3:30 PM	0	38	599	103042
8/13/19 4:00 PM	0	38	599	103042
8/13/19 4:30 PM	0	38	599	103042
8/13/19 5:00 PM	0	38	599	103042
8/13/19 5:30 PM	0	38	599	103042
8/13/19 6:00 PM	0	38	599	103042
8/13/19 6:30 PM	0	38	599	103042
8/13/19 7:00 PM	0	38	599	103042
8/13/19 7:30 PM	0	38	599	103042
8/13/19 8:00 PM	0	38	599	103042
8/13/19 8:30 PM	0	38	599	103042
8/13/19 9:00 PM	0	38	599	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/13/19 9:30 PM	0	38	599	103042
8/13/19 10:00 PM	0	38	599	103042
8/13/19 10:30 PM	0	38	599	103042
8/13/19 11:00 PM	0	38	599	103042
8/13/19 11:30 PM	0	38	599	103042
8/14/19 12:00 AM	0	38	599	103042
8/14/19 12:30 AM	0	38	599	103042
8/14/19 1:00 AM	0	38	599	103042
8/14/19 1:30 AM	0	38	599	103042
8/14/19 2:00 AM	0	38	599	103042
8/14/19 2:30 AM	0	38	599	103042
8/14/19 3:00 AM	0	38	599	103042
8/14/19 3:30 AM	0	38	599	103042
8/14/19 4:00 AM	0	38	599	103042
8/14/19 4:30 AM	0	38	599	103042
8/14/19 5:00 AM	0	38	599	103042
8/14/19 5:30 AM	0	38	599	103042
8/14/19 6:00 AM	0	37	599	103042
8/14/19 6:30 AM	0	37	599	103042
8/14/19 7:00 AM	0	37	599	103042
8/14/19 7:30 AM	0	37	599	103042
8/14/19 8:00 AM	0	37	599	103042
8/14/19 8:30 AM	0	37	599	103042
8/14/19 9:00 AM	0	37	599	103042
8/14/19 9:30 AM	0	37	599	103042
8/14/19 10:00 AM	0	38	599	103042
8/14/19 10:30 AM	0	38	599	103042
8/14/19 11:00 AM	0	38	599	103042
8/14/19 11:30 AM	0	38	599	103042
8/14/19 12:00 PM	0	38	598	103042
8/14/19 12:30 PM	0	38	599	103042
8/14/19 1:00 PM	0	38	599	103042
8/14/19 1:30 PM	0	38	598	103042
8/14/19 2:00 PM	0	38	598	103042
8/14/19 2:30 PM	0	38	598	103042
8/14/19 3:00 PM	0	38	598	103042
8/14/19 3:30 PM	0	38	598	103042
8/14/19 4:00 PM	0	39	598	103042
8/14/19 4:30 PM	0	39	598	103042
8/14/19 5:00 PM	0	39	598	103042
8/14/19 5:30 PM	0	39	598	103042
8/14/19 6:00 PM	0	39	598	103042
8/14/19 6:30 PM	0	39	598	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/14/19 7:00 PM	0	39	598	103042
8/14/19 7:30 PM	0	39	598	103042
8/14/19 8:00 PM	0	39	598	103042
8/14/19 8:30 PM	0	39	598	103042
8/14/19 9:00 PM	0	39	598	103042
8/14/19 9:30 PM	0	39	598	103042
8/14/19 10:00 PM	0	39	598	103042
8/14/19 10:30 PM	0	38	598	103042
8/14/19 11:00 PM	0	38	598	103042
8/14/19 11:30 PM	0	38	598	103042
8/15/19 12:00 AM	0	38	598	103042
8/15/19 12:30 AM	0	38	598	103042
8/15/19 1:00 AM	0	38	598	103042
8/15/19 1:30 AM	0	38	598	103042
8/15/19 2:00 AM	0	38	598	103042
8/15/19 2:30 AM	0	38	598	103042
8/15/19 3:00 AM	0	38	598	103042
8/15/19 3:30 AM	0	38	598	103042
8/15/19 4:00 AM	0	38	598	103042
8/15/19 4:30 AM	0	38	598	103042
8/15/19 5:00 AM	0	38	598	103042
8/15/19 5:30 AM	0	38	598	103042
8/15/19 6:00 AM	0	38	598	103042
8/15/19 6:30 AM	0	38	598	103042
8/15/19 7:00 AM	0	38	598	103042
8/15/19 7:30 AM	0	38	598	103042
8/15/19 8:00 AM	0	38	598	103042
8/15/19 8:30 AM	0	38	598	103042
8/15/19 9:00 AM	0	38	598	103042
8/15/19 9:30 AM	0	38	598	103042
8/15/19 10:00 AM	0	38	598	103042
8/15/19 10:30 AM	0	38	598	103042
8/15/19 11:00 AM	0	38	598	103042
8/15/19 11:30 AM	0	38	598	103042
8/15/19 12:00 PM	0	38	598	103042
8/15/19 12:30 PM	0	38	598	103042
8/15/19 1:00 PM	0	38	598	103042
8/15/19 1:30 PM	0	38	597	103042
8/15/19 2:00 PM	0	38	597	103042
8/15/19 2:30 PM	0	38	597	103042
8/15/19 3:00 PM	0	39	597	103042
8/15/19 3:30 PM	0	39	597	103042
8/15/19 4:00 PM	0	39	597	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/15/19 4:30 PM	0	39	597	103042
8/15/19 5:00 PM	0	39	597	103042
8/15/19 5:30 PM	0	39	597	103042
8/15/19 6:00 PM	0	39	597	103042
8/15/19 6:30 PM	0	39	597	103042
8/15/19 7:00 PM	0	39	597	103042
8/15/19 7:30 PM	0	39	597	103042
8/15/19 8:00 PM	0	39	597	103042
8/15/19 8:30 PM	0	39	597	103042
8/15/19 9:00 PM	0	39	597	103042
8/15/19 9:30 PM	0	39	597	103042
8/15/19 10:00 PM	0	39	597	103042
8/15/19 10:30 PM	0	39	597	103042
8/15/19 11:00 PM	0	39	597	103042
8/15/19 11:30 PM	0	39	597	103042
8/16/19 12:00 AM	0	39	597	103042
8/16/19 12:30 AM	0	39	597	103042
8/16/19 1:00 AM	0	39	597	103042
8/16/19 1:30 AM	0	39	597	103042
8/16/19 2:00 AM	0	39	597	103042
8/16/19 2:30 AM	0	39	597	103042
8/16/19 3:00 AM	0	39	597	103042
8/16/19 3:30 AM	0	39	597	103042
8/16/19 4:00 AM	0	39	597	103042
8/16/19 4:30 AM	0	39	597	103042
8/16/19 5:00 AM	0	38	597	103042
8/16/19 5:30 AM	0	38	597	103042
8/16/19 6:00 AM	0	38	597	103042
8/16/19 6:30 AM	0	38	597	103042
8/16/19 7:00 AM	0	38	597	103042
8/16/19 7:30 AM	0	38	597	103042
8/16/19 8:00 AM	0	38	597	103042
8/16/19 8:30 AM	0	38	597	103042
8/16/19 9:00 AM	0	38	597	103042
8/16/19 9:30 AM	0	38	597	103042
8/16/19 10:00 AM	0	39	597	103042
8/16/19 10:30 AM	0	39	597	103042
8/16/19 11:00 AM	0	39	597	103042
8/16/19 11:30 AM	0	39	597	103042
8/16/19 12:00 PM	0	39	596	103042
8/16/19 12:30 PM	0	39	596	103042
8/16/19 1:00 PM	0	39	596	103042
8/16/19 1:30 PM	0	39	596	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/16/19 2:00 PM	0	39	596	103042
8/16/19 2:30 PM	0	39	596	103042
8/16/19 3:00 PM	0	39	596	103042
8/16/19 3:30 PM	0	39	596	103042
8/16/19 4:00 PM	0	39	596	103042
8/16/19 4:30 PM	0	39	596	103042
8/16/19 5:00 PM	0	39	596	103042
8/16/19 5:30 PM	0	39	596	103042
8/16/19 6:00 PM	0	39	596	103042
8/16/19 6:30 PM	0	39	596	103042
8/16/19 7:00 PM	0	39	596	103042
8/16/19 7:30 PM	0	39	596	103042
8/16/19 8:00 PM	0	39	596	103042
8/16/19 8:30 PM	0	39	596	103042
8/16/19 9:00 PM	0	39	596	103042
8/16/19 9:30 PM	0	39	596	103042
8/16/19 10:00 PM	0	39	596	103042
8/16/19 10:30 PM	0	39	596	103042
8/16/19 11:00 PM	0	39	596	103042
8/16/19 11:30 PM	0	39	596	103042
8/17/19 12:00 AM	0	39	596	103042
8/17/19 12:30 AM	0	39	596	103042
8/17/19 1:00 AM	0	39	596	103042
8/17/19 1:30 AM	0	39	596	103042
8/17/19 2:00 AM	0	39	596	103042
8/17/19 2:30 AM	0	39	596	103042
8/17/19 3:00 AM	0	39	596	103042
8/17/19 3:30 AM	0	39	596	103042
8/17/19 4:00 AM	0	39	596	103042
8/17/19 4:30 AM	0	39	596	103042
8/17/19 5:00 AM	0	39	596	103042
8/17/19 5:30 AM	0	39	596	103042
8/17/19 6:00 AM	0	39	596	103042
8/17/19 6:30 AM	0	39	596	103042
8/17/19 7:00 AM	0	39	596	103042
8/17/19 7:30 AM	0	39	596	103042
8/17/19 8:00 AM	0	39	596	103042
8/17/19 8:30 AM	0	39	596	103042
8/17/19 9:00 AM	0	39	596	103042
8/17/19 9:30 AM	0	39	596	103042
8/17/19 10:00 AM	0	39	596	103042
8/17/19 10:30 AM	0	39	596	103042
8/17/19 11:00 AM	0	39	596	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/17/19 11:30 AM	0	39	595	103042
8/17/19 12:00 PM	0	39	595	103042
8/17/19 12:30 PM	0	39	595	103042
8/17/19 1:00 PM	0	39	595	103042
8/17/19 1:30 PM	0	39	595	103042
8/17/19 2:00 PM	0	39	595	103042
8/17/19 2:30 PM	0	39	595	103042
8/17/19 3:00 PM	0	40	595	103042
8/17/19 3:30 PM	0	40	595	103042
8/17/19 4:00 PM	0	40	595	103042
8/17/19 4:30 PM	0	40	595	103042
8/17/19 5:00 PM	0	40	595	103042
8/17/19 5:30 PM	0	40	595	103042
8/17/19 6:00 PM	0	40	595	103042
8/17/19 6:30 PM	0	40	595	103042
8/17/19 7:00 PM	0	40	595	103042
8/17/19 7:30 PM	0	40	595	103042
8/17/19 8:00 PM	0	40	595	103042
8/17/19 8:30 PM	0	40	595	103042
8/17/19 9:00 PM	0	40	595	103042
8/17/19 9:30 PM	0	40	595	103042
8/17/19 10:00 PM	0	40	595	103042
8/17/19 10:30 PM	0	40	595	103042
8/17/19 11:00 PM	0	40	595	103042
8/17/19 11:30 PM	0	39	595	103042
8/18/19 12:00 AM	0	39	595	103042
8/18/19 12:30 AM	0	39	595	103042
8/18/19 1:00 AM	0	39	595	103042
8/18/19 1:30 AM	0	39	595	103042
8/18/19 2:00 AM	0	39	595	103042
8/18/19 2:30 AM	0	39	595	103042
8/18/19 3:00 AM	0	39	595	103042
8/18/19 3:30 AM	0	39	595	103042
8/18/19 4:00 AM	0	39	595	103042
8/18/19 4:30 AM	0	39	595	103042
8/18/19 5:00 AM	0	39	595	103042
8/18/19 5:30 AM	0	39	595	103042
8/18/19 6:00 AM	0	39	595	103042
8/18/19 6:30 AM	0	39	595	103042
8/18/19 7:00 AM	0	39	595	103042
8/18/19 7:30 AM	0	39	595	103042
8/18/19 8:00 AM	0	39	595	103042
8/18/19 8:30 AM	0	39	595	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/18/19 9:00 AM	0	39	595	103042
8/18/19 9:30 AM	0	39	595	103042
8/18/19 10:00 AM	0	39	594	103042
8/18/19 10:30 AM	0	39	595	103042
8/18/19 11:00 AM	0	39	595	103042
8/18/19 11:30 AM	0	39	595	103042
8/18/19 12:00 PM	0	39	594	103042
8/18/19 12:30 PM	0	39	594	103042
8/18/19 1:00 PM	0	40	594	103042
8/18/19 1:30 PM	0	40	594	103042
8/18/19 2:00 PM	0	40	594	103042
8/18/19 2:30 PM	0	40	594	103042
8/18/19 3:00 PM	0	40	594	103042
8/18/19 3:30 PM	0	40	594	103042
8/18/19 4:00 PM	0	40	594	103042
8/18/19 4:30 PM	0	40	594	103042
8/18/19 5:00 PM	0	40	594	103042
8/18/19 5:30 PM	0	40	594	103042
8/18/19 6:00 PM	0	40	594	103042
8/18/19 6:30 PM	0	40	594	103042
8/18/19 7:00 PM	0	40	594	103042
8/18/19 7:30 PM	0	40	594	103042
8/18/19 8:00 PM	0	40	594	103042
8/18/19 8:30 PM	0	40	594	103042
8/18/19 9:00 PM	0	40	594	103042
8/18/19 9:30 PM	0	40	594	103042
8/18/19 10:00 PM	0	40	594	103042
8/18/19 10:30 PM	0	40	594	103042
8/18/19 11:00 PM	0	40	594	103042
8/18/19 11:30 PM	0	40	594	103042
8/19/19 12:00 AM	0	40	594	103042
8/19/19 12:30 AM	0	40	594	103042
8/19/19 1:00 AM	0	40	594	103042
8/19/19 1:30 AM	0	40	594	103042
8/19/19 2:00 AM	0	40	594	103042
8/19/19 2:30 AM	0	40	594	103042
8/19/19 3:00 AM	0	40	594	103042
8/19/19 3:30 AM	0	39	594	103042
8/19/19 4:00 AM	0	39	594	103042
8/19/19 4:30 AM	0	39	594	103042
8/19/19 5:00 AM	0	39	594	103042
8/19/19 5:30 AM	0	39	594	103042
8/19/19 6:00 AM	0	39	594	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/19/19 6:30 AM	0	39	594	103042
8/19/19 7:00 AM	0	39	594	103042
8/19/19 7:30 AM	0	39	594	103042
8/19/19 8:00 AM	0	39	594	103042
8/19/19 8:30 AM	0	39	594	103042
8/19/19 9:00 AM	0	39	594	103042
8/19/19 9:30 AM	0	39	594	103042
8/19/19 10:00 AM	0	39	594	103042
8/19/19 10:30 AM	0	39	594	103042
8/19/19 11:00 AM	0	39	593	103042
8/19/19 11:30 AM	0	39	593	103042
8/19/19 12:00 PM	0	40	593	103042
8/19/19 12:30 PM	0	40	593	103042
8/19/19 1:00 PM	0	40	593	103042
8/19/19 1:30 PM	0	40	593	103042
8/19/19 2:00 PM	0	40	593	103042
8/19/19 2:30 PM	0	40	593	103042
8/19/19 3:00 PM	0	40	593	103042
8/19/19 3:30 PM	0	40	593	103042
8/19/19 4:00 PM	0	40	593	103042
8/19/19 4:30 PM	0	40	593	103042
8/19/19 5:00 PM	0	40	593	103042
8/19/19 5:30 PM	0	40	593	103042
8/19/19 6:00 PM	0	40	593	103042
8/19/19 6:30 PM	0	40	593	103042
8/19/19 7:00 PM	0	40	593	103042
8/19/19 7:30 PM	0	40	593	103042
8/19/19 8:00 PM	0	40	593	103042
8/19/19 8:30 PM	0	40	593	103042
8/19/19 9:00 PM	0	40	593	103042
8/19/19 9:30 PM	0	40	593	103042
8/19/19 10:00 PM	0	40	593	103042
8/19/19 10:30 PM	0	40	593	103042
8/19/19 11:00 PM	0	40	593	103042
8/19/19 11:30 PM	0	40	593	103042
8/20/19 12:00 AM	0	40	593	103042
8/20/19 12:30 AM	0	40	593	103042
8/20/19 1:00 AM	0	40	593	103042
8/20/19 1:30 AM	0	40	593	103042
8/20/19 2:00 AM	0	40	593	103042
8/20/19 2:30 AM	0	40	593	103042
8/20/19 3:00 AM	0	40	593	103042
8/20/19 3:30 AM	0	40	593	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/20/19 4:00 AM	0	40	593	103042
8/20/19 4:30 AM	0	40	593	103042
8/20/19 5:00 AM	0	40	593	103042
8/20/19 5:30 AM	0	40	593	103042
8/20/19 6:00 AM	0	39	593	103042
8/20/19 6:30 AM	0	39	593	103042
8/20/19 7:00 AM	0	39	593	103042
8/20/19 7:30 AM	0	39	593	103042
8/20/19 8:00 AM	0	39	593	103042
8/20/19 8:30 AM	0	39	593	103042
8/20/19 9:00 AM	0	39	593	103042
8/20/19 9:30 AM	0	39	593	103042
8/20/19 10:00 AM	0	39	593	103042
8/20/19 10:30 AM	0	40	593	103042
8/20/19 11:00 AM	0	40	593	103042
8/20/19 11:30 AM	0	40	592	103042
8/20/19 12:00 PM	0	40	592	103042
8/20/19 12:30 PM	0	40	592	103042
8/20/19 1:00 PM	0	40	592	103042
8/20/19 1:30 PM	0	40	592	103042
8/20/19 2:00 PM	0	40	592	103042
8/20/19 2:30 PM	0	40	592	103042
8/20/19 3:00 PM	0	40	592	103042
8/20/19 3:30 PM	0	40	592	103042
8/20/19 4:00 PM	0	40	592	103042
8/20/19 4:30 PM	0	40	592	103042
8/20/19 5:00 PM	0	40	592	103042
8/20/19 5:30 PM	0	40	592	103042
8/20/19 6:00 PM	0	41	592	103042
8/20/19 6:30 PM	0	41	592	103042
8/20/19 7:00 PM	0	41	592	103042
8/20/19 7:30 PM	0	41	592	103042
8/20/19 8:00 PM	0	41	592	103042
8/20/19 8:30 PM	0	41	592	103042
8/20/19 9:00 PM	0	40	592	103042
8/20/19 9:30 PM	0	40	592	103042
8/20/19 10:00 PM	0	40	592	103042
8/20/19 10:30 PM	0	40	592	103042
8/20/19 11:00 PM	0	40	592	103042
8/20/19 11:30 PM	0	40	592	103042
8/21/19 12:00 AM	0	40	592	103042
8/21/19 12:30 AM	0	40	592	103042
8/21/19 1:00 AM	0	40	592	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/21/19 1:30 AM	0	40	592	103042
8/21/19 2:00 AM	0	40	592	103042
8/21/19 2:30 AM	0	40	592	103042
8/21/19 3:00 AM	0	40	592	103042
8/21/19 3:30 AM	0	40	592	103042
8/21/19 4:00 AM	0	40	592	103042
8/21/19 4:30 AM	0	40	592	103042
8/21/19 5:00 AM	0	40	592	103042
8/21/19 5:30 AM	0	40	592	103042
8/21/19 6:00 AM	0	40	592	103042
8/21/19 6:30 AM	0	40	592	103042
8/21/19 7:00 AM	0	40	592	103042
8/21/19 7:30 AM	0	40	592	103042
8/21/19 8:00 AM	0	40	592	103042
8/21/19 8:30 AM	0	40	592	103042
8/21/19 9:00 AM	0	40	592	103042
8/21/19 9:30 AM	0	40	592	103042
8/21/19 10:00 AM	0	40	591	103042
8/21/19 10:30 AM	0	40	592	103042
8/21/19 11:00 AM	0	40	592	103042
8/21/19 11:30 AM	0	40	592	103042
8/21/19 12:00 PM	0	40	591	103042
8/21/19 12:30 PM	0	40	591	103042
8/21/19 1:00 PM	0	40	591	103042
8/21/19 1:30 PM	0	40	591	103042
8/21/19 2:00 PM	0	41	591	103042
8/21/19 2:30 PM	0	41	591	103042
8/21/19 3:00 PM	0	41	591	103042
8/21/19 3:30 PM	0	41	592	103042
8/21/19 4:00 PM	0	41	591	103042
8/21/19 4:30 PM	0	41	591	103042
8/21/19 5:00 PM	0	41	591	103042
8/21/19 5:30 PM	0	41	591	103042
8/21/19 6:00 PM	0	41	591	103042
8/21/19 6:30 PM	0	41	591	103042
8/21/19 7:00 PM	0	41	591	103042
8/21/19 7:30 PM	0	41	591	103042
8/21/19 8:00 PM	0	41	591	103042
8/21/19 8:30 PM	0	41	591	103042
8/21/19 9:00 PM	0	40	591	103042
8/21/19 9:30 PM	0	40	591	103042
8/21/19 10:00 PM	0	40	591	103042
8/21/19 10:30 PM	0	40	591	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/21/19 11:00 PM	0	40	591	103042
8/21/19 11:30 PM	0	40	591	103042
8/22/19 12:00 AM	0	40	591	103042
8/22/19 12:30 AM	0	40	591	103042
8/22/19 1:00 AM	0	40	591	103042
8/22/19 1:30 AM	0	40	591	103042
8/22/19 2:00 AM	0	40	591	103042
8/22/19 2:30 AM	0	40	591	103042
8/22/19 3:00 AM	0	40	591	103042
8/22/19 3:30 AM	0	40	591	103042
8/22/19 4:00 AM	0	40	591	103042
8/22/19 4:30 AM	0	40	591	103042
8/22/19 5:00 AM	0	40	591	103042
8/22/19 5:30 AM	0	40	591	103042
8/22/19 6:00 AM	0	40	591	103042
8/22/19 6:30 AM	0	40	591	103042
8/22/19 7:00 AM	0	40	591	103042
8/22/19 7:30 AM	0	40	591	103042
8/22/19 8:00 AM	0	40	591	103042
8/22/19 8:30 AM	0	40	591	103042
8/22/19 9:00 AM	0	40	591	103042
8/22/19 9:30 AM	0	40	591	103042
8/22/19 10:00 AM	0	40	591	103042
8/22/19 10:30 AM	0	40	591	103042
8/22/19 11:00 AM	0	40	591	103042
8/22/19 11:30 AM	0	40	590	103042
8/22/19 12:00 PM	0	40	590	103042
8/22/19 12:30 PM	0	40	590	103042
8/22/19 1:00 PM	0	40	590	103042
8/22/19 1:30 PM	0	40	591	103042
8/22/19 2:00 PM	0	40	590	103042
8/22/19 2:30 PM	0	40	590	103042
8/22/19 3:00 PM	0	40	590	103042
8/22/19 3:30 PM	0	40	590	103042
8/22/19 4:00 PM	0	40	590	103042
8/22/19 4:30 PM	0	41	590	103042
8/22/19 5:00 PM	0	41	590	103042
8/22/19 5:30 PM	0	41	590	103042
8/22/19 6:00 PM	0	41	590	103042
8/22/19 6:30 PM	0	41	590	103042
8/22/19 7:00 PM	0	41	590	103042
8/22/19 7:30 PM	0	41	590	103042
8/22/19 8:00 PM	0	41	590	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/22/19 8:30 PM	0	41	590	103042
8/22/19 9:00 PM	0	41	590	103042
8/22/19 9:30 PM	0	41	590	103042
8/22/19 10:00 PM	0	41	590	103042
8/22/19 10:30 PM	0	41	590	103042
8/22/19 11:00 PM	0	41	590	103042
8/22/19 11:30 PM	0	41	590	103042
8/23/19 12:00 AM	0	41	590	103042
8/23/19 12:30 AM	0	40	590	103042
8/23/19 1:00 AM	0	40	590	103042
8/23/19 1:30 AM	0	40	590	103042
8/23/19 2:00 AM	0	40	590	103042
8/23/19 2:30 AM	0	40	590	103042
8/23/19 3:00 AM	0	40	590	103042
8/23/19 3:30 AM	0	40	590	103042
8/23/19 4:00 AM	0	40	590	103042
8/23/19 4:30 AM	0	40	590	103042
8/23/19 5:00 AM	0	40	590	103042
8/23/19 5:30 AM	0	40	590	103042
8/23/19 6:00 AM	0	40	590	103042
8/23/19 6:30 AM	0	40	590	103042
8/23/19 7:00 AM	0	40	590	103042
8/23/19 7:30 AM	0	40	590	103042
8/23/19 8:00 AM	0	40	590	103042
8/23/19 8:30 AM	0	40	590	103042
8/23/19 9:00 AM	0	40	590	103042
8/23/19 9:30 AM	0	40	590	103042
8/23/19 10:00 AM	0	40	590	103042
8/23/19 10:30 AM	0	40	590	103042
8/23/19 11:00 AM	0	40	590	103042
8/23/19 11:30 AM	0	41	590	103042
8/23/19 12:00 PM	0	41	590	103042
8/23/19 12:30 PM	0	41	589	103042
8/23/19 1:00 PM	0	41	589	103042
8/23/19 1:30 PM	0	41	589	103042
8/23/19 2:00 PM	0	41	589	103042
8/23/19 2:30 PM	0	41	589	103042
8/23/19 3:00 PM	0	41	589	103042
8/23/19 3:30 PM	0	41	589	103042
8/23/19 4:00 PM	0	41	589	103042
8/23/19 4:30 PM	0	41	589	103042
8/23/19 5:00 PM	0	41	589	103042
8/23/19 5:30 PM	0	41	589	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/23/19 6:00 PM	0	41	589	103042
8/23/19 6:30 PM	0	41	589	103042
8/23/19 7:00 PM	0	41	589	103042
8/23/19 7:30 PM	0	41	589	103042
8/23/19 8:00 PM	0	41	589	103042
8/23/19 8:30 PM	0	41	589	103042
8/23/19 9:00 PM	0	41	589	103042
8/23/19 9:30 PM	0	41	589	103042
8/23/19 10:00 PM	0	41	589	103042
8/23/19 10:30 PM	0	41	589	103042
8/23/19 11:00 PM	0	41	589	103042
8/23/19 11:30 PM	0	41	589	103042
8/24/19 12:00 AM	0	41	589	103042
8/24/19 12:30 AM	0	41	589	103042
8/24/19 1:00 AM	0	41	589	103042
8/24/19 1:30 AM	0	41	589	103042
8/24/19 2:00 AM	0	41	589	103042
8/24/19 2:30 AM	0	41	589	103042
8/24/19 3:00 AM	0	41	589	103042
8/24/19 3:30 AM	0	41	589	103042
8/24/19 4:00 AM	0	41	589	103042
8/24/19 4:30 AM	0	41	589	103042
8/24/19 5:00 AM	0	41	589	103042
8/24/19 5:30 AM	0	41	589	103042
8/24/19 6:00 AM	0	41	589	103042
8/24/19 6:30 AM	0	41	589	103042
8/24/19 7:00 AM	0	41	589	103042
8/24/19 7:30 AM	0	41	589	103042
8/24/19 8:00 AM	0	41	589	103042
8/24/19 8:30 AM	0	41	589	103042
8/24/19 9:00 AM	0	41	589	103042
8/24/19 9:30 AM	0	41	589	103042
8/24/19 10:00 AM	0	41	589	103042
8/24/19 10:30 AM	0	41	589	103042
8/24/19 11:00 AM	0	41	589	103042
8/24/19 11:30 AM	0	41	589	103042
8/24/19 12:00 PM	0	41	588	103042
8/24/19 12:30 PM	0	41	588	103042
8/24/19 1:00 PM	0	41	588	103042
8/24/19 1:30 PM	0	41	588	103042
8/24/19 2:00 PM	0	41	588	103042
8/24/19 2:30 PM	0	41	588	103042
8/24/19 3:00 PM	0	41	588	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/24/19 3:30 PM	0	41	588	103042
8/24/19 4:00 PM	0	41	588	103042
8/24/19 4:30 PM	0	42	588	103042
8/24/19 5:00 PM	0	42	588	103042
8/24/19 5:30 PM	0	42	588	103042
8/24/19 6:00 PM	0	42	588	103042
8/24/19 6:30 PM	0	42	588	103042
8/24/19 7:00 PM	0	42	588	103042
8/24/19 7:30 PM	0	42	588	103042
8/24/19 8:00 PM	0	42	588	103042
8/24/19 8:30 PM	0	42	588	103042
8/24/19 9:00 PM	0	42	588	103042
8/24/19 9:30 PM	0	42	588	103042
8/24/19 10:00 PM	0	42	588	103042
8/24/19 10:30 PM	0	41	588	103042
8/24/19 11:00 PM	0	41	588	103042
8/24/19 11:30 PM	0	41	588	103042
8/25/19 12:00 AM	0	41	588	103042
8/25/19 12:30 AM	0	41	588	103042
8/25/19 1:00 AM	0	41	588	103042
8/25/19 1:30 AM	0	41	588	103042
8/25/19 2:00 AM	0	41	588	103042
8/25/19 2:30 AM	0	41	588	103042
8/25/19 3:00 AM	0	41	588	103042
8/25/19 3:30 AM	0	41	588	103042
8/25/19 4:00 AM	0	41	588	103042
8/25/19 4:30 AM	0	41	588	103042
8/25/19 5:00 AM	0	41	588	103042
8/25/19 5:30 AM	0	41	588	103042
8/25/19 6:00 AM	0	41	588	103042
8/25/19 6:30 AM	0	41	588	103042
8/25/19 7:00 AM	0	41	588	103042
8/25/19 7:30 AM	0	41	588	103042
8/25/19 8:00 AM	0	41	588	103042
8/25/19 8:30 AM	0	41	588	103042
8/25/19 9:00 AM	0	41	588	103042
8/25/19 9:30 AM	0	41	588	103042
8/25/19 10:00 AM	0	41	588	103042
8/25/19 10:30 AM	0	41	588	103042
8/25/19 11:00 AM	0	41	588	103042
8/25/19 11:30 AM	0	41	588	103042
8/25/19 12:00 PM	0	41	588	103042
8/25/19 12:30 PM	0	41	587	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/25/19 1:00 PM	0	41	588	103042
8/25/19 1:30 PM	0	41	588	103042
8/25/19 2:00 PM	0	41	587	103042
8/25/19 2:30 PM	0	41	588	103042
8/25/19 3:00 PM	0	41	588	103042
8/25/19 3:30 PM	0	42	588	103042
8/25/19 4:00 PM	0	42	588	103042
8/25/19 4:30 PM	0	42	587	103042
8/25/19 5:00 PM	0	42	587	103042
8/25/19 5:30 PM	0	42	587	103042
8/25/19 6:00 PM	0	42	587	103042
8/25/19 6:30 PM	0	42	587	103042
8/25/19 7:00 PM	0	42	587	103042
8/25/19 7:30 PM	0	42	588	103042
8/25/19 8:00 PM	0	42	588	103042
8/25/19 8:30 PM	0	42	587	103042
8/25/19 9:00 PM	0	41	587	103042
8/25/19 9:30 PM	0	41	587	103042
8/25/19 10:00 PM	0	41	587	103042
8/25/19 10:30 PM	0	41	587	103042
8/25/19 11:00 PM	0	41	587	103042
8/25/19 11:30 PM	0	41	587	103042
8/26/19 12:00 AM	0	41	587	103042
8/26/19 12:30 AM	0	41	587	103042
8/26/19 1:00 AM	0	41	587	103042
8/26/19 1:30 AM	0	41	587	103042
8/26/19 2:00 AM	0	41	587	103042
8/26/19 2:30 AM	0	41	587	103042
8/26/19 3:00 AM	0	41	587	103042
8/26/19 3:30 AM	0	41	587	103042
8/26/19 4:00 AM	0	41	587	103042
8/26/19 4:30 AM	0	41	587	103042
8/26/19 5:00 AM	0	41	587	103042
8/26/19 5:30 AM	0	41	587	103042
8/26/19 6:00 AM	0	41	587	103042
8/26/19 6:30 AM	0	41	587	103042
8/26/19 7:00 AM	0	41	587	103042
8/26/19 7:30 AM	0	41	587	103042
8/26/19 8:00 AM	0	41	587	103042
8/26/19 8:30 AM	0	41	587	103042
8/26/19 9:00 AM	0	41	587	103042
8/26/19 9:30 AM	0	41	587	103042
8/26/19 10:00 AM	0	41	587	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/26/19 10:30 AM	0	41	587	103042
8/26/19 11:00 AM	0	41	587	103042
8/26/19 11:30 AM	0	41	587	103042
8/26/19 12:00 PM	0	41	587	103042
8/26/19 12:30 PM	0	41	587	103042
8/26/19 1:00 PM	0	41	587	103042
8/26/19 1:30 PM	0	42	586	103042
8/26/19 2:00 PM	0	42	586	103042
8/26/19 2:30 PM	0	42	586	103042
8/26/19 3:00 PM	0	42	587	103042
8/26/19 3:30 PM	0	42	587	103042
8/26/19 4:00 PM	0	42	586	103042
8/26/19 4:30 PM	0	42	586	103042
8/26/19 5:00 PM	0	42	586	103042
8/26/19 5:30 PM	0	42	587	103042
8/26/19 6:00 PM	0	42	587	103042
8/26/19 6:30 PM	0	42	586	103042
8/26/19 7:00 PM	0	42	586	103042
8/26/19 7:30 PM	0	42	586	103042
8/26/19 8:00 PM	0	42	586	103042
8/26/19 8:30 PM	0	42	586	103042
8/26/19 9:00 PM	0	42	587	103042
8/26/19 9:30 PM	0	42	586	103042
8/26/19 10:00 PM	0	42	586	103042
8/26/19 10:30 PM	0	42	586	103042
8/26/19 11:00 PM	0	42	586	103042
8/26/19 11:30 PM	0	42	586	103042
8/27/19 12:00 AM	0	42	586	103042
8/27/19 12:30 AM	0	42	586	103042
8/27/19 1:00 AM	0	42	586	103042
8/27/19 1:30 AM	0	42	586	103042
8/27/19 2:00 AM	0	42	586	103042
8/27/19 2:30 AM	0	42	586	103042
8/27/19 3:00 AM	0	42	586	103042
8/27/19 3:30 AM	0	42	586	103042
8/27/19 4:00 AM	0	42	586	103042
8/27/19 4:30 AM	0	42	586	103042
8/27/19 5:00 AM	0	42	586	103042
8/27/19 5:30 AM	0	42	586	103042
8/27/19 6:00 AM	0	42	586	103042
8/27/19 6:30 AM	0	42	586	103042
8/27/19 7:00 AM	0	41	586	103042
8/27/19 7:30 AM	0	41	586	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/27/19 8:00 AM	0	41	586	103042
8/27/19 8:30 AM	0	41	586	103042
8/27/19 9:00 AM	0	41	586	103042
8/27/19 9:30 AM	0	41	586	103042
8/27/19 10:00 AM	0	42	586	103042
8/27/19 10:30 AM	0	42	586	103042
8/27/19 11:00 AM	0	42	586	103042
8/27/19 11:30 AM	0	42	586	103042
8/27/19 12:00 PM	0	42	586	103042
8/27/19 12:30 PM	0	42	586	103042
8/27/19 1:00 PM	0	42	586	103042
8/27/19 1:30 PM	0	42	586	103042
8/27/19 2:00 PM	0	42	586	103042
8/27/19 2:30 PM	0	42	586	103042
8/27/19 3:00 PM	0	42	586	103042
8/27/19 3:30 PM	0	42	586	103042
8/27/19 4:00 PM	0	42	586	103042
8/27/19 4:30 PM	0	42	586	103042
8/27/19 5:00 PM	0	42	585	103042
8/27/19 5:30 PM	0	42	586	103042
8/27/19 6:00 PM	0	42	586	103042
8/27/19 6:30 PM	0	42	586	103042
8/27/19 7:00 PM	0	43	585	103042
8/27/19 7:30 PM	0	43	585	103042
8/27/19 8:00 PM	0	43	585	103042
8/27/19 8:30 PM	0	42	585	103042
8/27/19 9:00 PM	0	42	586	103042
8/27/19 9:30 PM	0	42	586	103042
8/27/19 10:00 PM	0	42	586	103042
8/27/19 10:30 PM	0	42	586	103042
8/27/19 11:00 PM	0	42	585	103042
8/27/19 11:30 PM	0	42	586	103042
8/28/19 12:00 AM	0	42	585	103042
8/28/19 12:30 AM	0	42	585	103042
8/28/19 1:00 AM	0	42	585	103042
8/28/19 1:30 AM	0	42	585	103042
8/28/19 2:00 AM	0	42	585	103042
8/28/19 2:30 AM	0	42	585	103042
8/28/19 3:00 AM	0	42	585	103042
8/28/19 3:30 AM	0	42	585	103042
8/28/19 4:00 AM	0	42	585	103042
8/28/19 4:30 AM	0	42	585	103042
8/28/19 5:00 AM	0	42	585	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/28/19 5:30 AM	0	42	585	103042
8/28/19 6:00 AM	0	42	585	103042
8/28/19 6:30 AM	0	42	585	103042
8/28/19 7:00 AM	0	42	585	103042
8/28/19 7:30 AM	0	42	585	103042
8/28/19 8:00 AM	0	42	586	103042
8/28/19 8:30 AM	0	42	586	103042
8/28/19 9:00 AM	0	42	585	103042
8/28/19 9:30 AM	0	42	585	103042
8/28/19 10:00 AM	0	42	585	103042
8/28/19 10:30 AM	0	42	585	103042
8/28/19 11:00 AM	0	42	585	103042
8/28/19 11:30 AM	0	42	585	103042
8/28/19 12:00 PM	0	42	585	103042
8/28/19 12:30 PM	0	42	585	103042
8/28/19 1:00 PM	0	42	585	103042
8/28/19 1:30 PM	0	42	585	103042
8/28/19 2:00 PM	0	42	585	103042
8/28/19 2:30 PM	0	42	585	103042
8/28/19 3:00 PM	0	42	585	103042
8/28/19 3:30 PM	0	42	585	103042
8/28/19 4:00 PM	0	42	585	103042
8/28/19 4:30 PM	0	43	585	103042
8/28/19 5:00 PM	0	43	585	103042
8/28/19 5:30 PM	0	43	585	103042
8/28/19 6:00 PM	0	43	585	103042
8/28/19 6:30 PM	0	43	585	103042
8/28/19 7:00 PM	0	43	585	103042
8/28/19 7:30 PM	0	43	584	103042
8/28/19 8:00 PM	0	43	584	103042
8/28/19 8:30 PM	0	43	585	103042
8/28/19 9:00 PM	0	43	585	103042
8/28/19 9:30 PM	0	43	585	103042
8/28/19 10:00 PM	0	43	585	103042
8/28/19 10:30 PM	0	42	585	103042
8/28/19 11:00 PM	0	42	585	103042
8/28/19 11:30 PM	0	42	585	103042
8/29/19 12:00 AM	0	42	585	103042
8/29/19 12:30 AM	0	42	585	103042
8/29/19 1:00 AM	0	42	585	103042
8/29/19 1:30 AM	0	42	585	103042
8/29/19 2:00 AM	0	42	584	103042
8/29/19 2:30 AM	0	42	584	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/29/19 3:00 AM	0	42	584	103042
8/29/19 3:30 AM	0	42	584	103042
8/29/19 4:00 AM	0	42	584	103042
8/29/19 4:30 AM	0	42	584	103042
8/29/19 5:00 AM	0	42	584	103042
8/29/19 5:30 AM	0	42	584	103042
8/29/19 6:00 AM	0	42	584	103042
8/29/19 6:30 AM	0	42	584	103042
8/29/19 7:00 AM	0	42	584	103042
8/29/19 7:30 AM	0	42	585	103042
8/29/19 8:00 AM	0	42	585	103042
8/29/19 8:30 AM	0	42	585	103042
8/29/19 9:00 AM	0	42	584	103042
8/29/19 9:30 AM	0	42	584	103042
8/29/19 10:00 AM	0	42	584	103042
8/29/19 10:30 AM	0	42	584	103042
8/29/19 11:00 AM	0	42	584	103042
8/29/19 11:30 AM	0	42	584	103042
8/29/19 12:00 PM	0	42	584	103042
8/29/19 12:30 PM	0	42	584	103042
8/29/19 1:00 PM	0	42	584	103042
8/29/19 1:30 PM	0	42	584	103042
8/29/19 2:00 PM	0	42	584	103042
8/29/19 2:30 PM	0	43	584	103042
8/29/19 3:00 PM	0	43	584	103042
8/29/19 3:30 PM	0	43	584	103042
8/29/19 4:00 PM	0	43	584	103042
8/29/19 4:30 PM	0	43	584	103042
8/29/19 5:00 PM	0	43	584	103042
8/29/19 5:30 PM	0	43	583	103042
8/29/19 6:00 PM	0	43	583	103042
8/29/19 6:30 PM	0	43	584	103042
8/29/19 7:00 PM	0	43	584	103042
8/29/19 7:30 PM	0	43	584	103042
8/29/19 8:00 PM	0	43	584	103042
8/29/19 8:30 PM	0	43	584	103042
8/29/19 9:00 PM	0	43	584	103042
8/29/19 9:30 PM	0	43	584	103042
8/29/19 10:00 PM	0	43	584	103042
8/29/19 10:30 PM	0	43	584	103042
8/29/19 11:00 PM	0	43	584	103042
8/29/19 11:30 PM	0	43	584	103042
8/30/19 12:00 AM	0	43	584	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/30/19 12:30 AM	0	43	584	103042
8/30/19 1:00 AM	0	42	584	103042
8/30/19 1:30 AM	0	42	584	103042
8/30/19 2:00 AM	0	42	584	103042
8/30/19 2:30 AM	0	42	584	103042
8/30/19 3:00 AM	0	42	584	103042
8/30/19 3:30 AM	0	42	584	103042
8/30/19 4:00 AM	0	42	583	103042
8/30/19 4:30 AM	0	42	584	103042
8/30/19 5:00 AM	0	42	583	103042
8/30/19 5:30 AM	0	42	583	103042
8/30/19 6:00 AM	0	42	583	103042
8/30/19 6:30 AM	0	42	583	103042
8/30/19 7:00 AM	0	42	583	103042
8/30/19 7:30 AM	0	42	584	103042
8/30/19 8:00 AM	0	42	584	103042
8/30/19 8:30 AM	0	42	584	103042
8/30/19 9:00 AM	0	42	584	103042
8/30/19 9:30 AM	0	42	583	103042
8/30/19 10:00 AM	0	42	583	103042
8/30/19 10:30 AM	0	42	583	103042
8/30/19 11:00 AM	0	42	583	103042
8/30/19 11:30 AM	0	42	583	103042
8/30/19 12:00 PM	0	42	583	103042
8/30/19 12:30 PM	0	42	583	103042
8/30/19 1:00 PM	0	43	583	103042
8/30/19 1:30 PM	0	43	583	103042
8/30/19 2:00 PM	0	43	583	103042
8/30/19 2:30 PM	0	43	583	103042
8/30/19 3:00 PM	0	43	583	103042
8/30/19 3:30 PM	0	43	583	103042
8/30/19 4:00 PM	0	43	583	103042
8/30/19 4:30 PM	0	43	583	103042
8/30/19 5:00 PM	0	43	583	103042
8/30/19 5:30 PM	0	43	583	103042
8/30/19 6:00 PM	0	43	583	103042
8/30/19 6:30 PM	0	43	583	103042
8/30/19 7:00 PM	0	43	583	103042
8/30/19 7:30 PM	0	43	583	103042
8/30/19 8:00 PM	0	43	583	103042
8/30/19 8:30 PM	0	43	583	103042
8/30/19 9:00 PM	0	43	583	103042
8/30/19 9:30 PM	0	43	583	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/30/19 10:00 PM	0	43	583	103042
8/30/19 10:30 PM	0	43	583	103042
8/30/19 11:00 PM	0	43	583	103042
8/30/19 11:30 PM	0	43	583	103042
8/31/19 12:00 AM	0	43	583	103042
8/31/19 12:30 AM	0	43	583	103042
8/31/19 1:00 AM	0	43	583	103042
8/31/19 1:30 AM	0	43	583	103042
8/31/19 2:00 AM	0	43	583	103042
8/31/19 2:30 AM	0	43	583	103042
8/31/19 3:00 AM	0	43	583	103042
8/31/19 3:30 AM	0	43	583	103042
8/31/19 4:00 AM	0	43	583	103042
8/31/19 4:30 AM	0	43	583	103042
8/31/19 5:00 AM	0	43	582	103042
8/31/19 5:30 AM	0	43	583	103042
8/31/19 6:00 AM	0	43	583	103042
8/31/19 6:30 AM	0	43	582	103042
8/31/19 7:00 AM	0	43	582	103042
8/31/19 7:30 AM	0	42	582	103042
8/31/19 8:00 AM	0	42	582	103042
8/31/19 8:30 AM	0	42	583	103042
8/31/19 9:00 AM	0	42	582	103042
8/31/19 9:30 AM	0	42	582	103042
8/31/19 10:00 AM	0	43	583	103042
8/31/19 10:30 AM	0	43	583	103042
8/31/19 11:00 AM	0	43	583	103042
8/31/19 11:30 AM	0	43	583	103042
8/31/19 12:00 PM	0	43	582	103042
8/31/19 12:30 PM	0	43	582	103042
8/31/19 1:00 PM	0	43	582	103042
8/31/19 1:30 PM	0	43	582	103042
8/31/19 2:00 PM	0	43	582	103042
8/31/19 2:30 PM	0	43	582	103042
8/31/19 3:00 PM	0	43	582	103042
8/31/19 3:30 PM	0	43	582	103042
8/31/19 4:00 PM	0	43	582	103042
8/31/19 4:30 PM	0	43	582	103042
8/31/19 5:00 PM	0	43	582	103042
8/31/19 5:30 PM	0	43	582	103042
8/31/19 6:00 PM	0	43	582	103042
8/31/19 6:30 PM	0	43	582	103042
8/31/19 7:00 PM	0	43	582	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/31/19 7:30 PM	0	44	582	103042
8/31/19 8:00 PM	0	44	582	103042
8/31/19 8:30 PM	0	43	582	103042
8/31/19 9:00 PM	0	43	582	103042
8/31/19 9:30 PM	0	43	582	103042
8/31/19 10:00 PM	0	43	582	103042
8/31/19 10:30 PM	0	43	582	103042
8/31/19 11:00 PM	0	43	582	103042
8/31/19 11:30 PM	0	43	582	103042
9/1/19 12:00 AM	0	43	582	103042
9/1/18 12:30 AM	0	43	582	103042
9/1/18 1:00 AM	0	43	582	103042
9/1/18 1:30 AM	0	43	582	103042
9/1/18 2:00 AM	0	43	582	103042
9/1/18 2:30 AM	0	43	582	103042
9/1/18 3:00 AM	0	43	582	103042
9/1/18 3:30 AM	0	43	582	103042
9/1/18 4:00 AM	0	43	582	103042
9/1/18 4:30 AM	0	43	582	103042
9/1/18 5:00 AM	0	43	582	103042
9/1/18 5:30 AM	0	43	582	103042
9/1/18 6:00 AM	0	43	582	103042
9/1/18 6:30 AM	0	43	582	103042
9/1/18 7:00 AM	0	43	582	103042
9/1/18 7:30 AM	0	43	582	103042
9/1/18 8:00 AM	0	43	582	103042
9/1/18 8:30 AM	0	43	582	103042
9/1/18 9:00 AM	0	43	582	103042
9/1/18 9:30 AM	0	43	582	103042
9/1/18 10:00 AM	0	43	581	103042
9/1/18 10:30 AM	0	43	582	103042
9/1/18 11:00 AM	0	43	582	103042
9/1/18 11:30 AM	0	43	582	103042
9/1/18 12:00 PM	0	43	581	103042
9/1/18 12:30 PM	0	43	581	103042
9/1/18 1:00 PM	0	43	581	103042
9/1/18 1:30 PM	0	43	581	103042
9/1/18 2:00 PM	0	43	581	103042
9/1/18 2:30 PM	0	43	581	103042
9/1/18 3:00 PM	0	43	581	103042
9/1/18 3:30 PM	0	43	581	103042
9/1/18 4:00 PM	0	43	581	103042
9/1/18 4:30 PM	0	43	581	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/1/18 5:00 PM	0	43	581	103042
9/1/18 5:30 PM	0	43	581	103042
9/1/18 6:00 PM	0	43	581	103042
9/1/18 6:30 PM	0	43	581	103042
9/1/18 7:00 PM	0	43	581	103042
9/1/18 7:30 PM	0	43	581	103042
9/1/18 8:00 PM	0	43	581	103042
9/1/18 8:30 PM	0	43	581	103042
9/1/18 9:00 PM	0	43	581	103042
9/1/18 9:30 PM	0	43	581	103042
9/1/18 10:00 PM	0	43	581	103042
9/1/18 10:30 PM	0	43	581	103042
9/1/18 11:00 PM	0	43	581	103042
9/1/18 11:30 PM	0	43	581	103042
9/2/18 12:00 AM	0	43	581	103042
9/2/18 12:30 AM	0	43	581	103042
9/2/18 1:00 AM	0	43	581	103042
9/2/18 1:30 AM	0	43	581	103042
9/2/18 2:00 AM	0	43	581	103042
9/2/18 2:30 AM	0	43	581	103042
9/2/18 3:00 AM	0	43	581	103042
9/2/18 3:30 AM	0	43	581	103042
9/2/18 4:00 AM	0	43	581	103042
9/2/18 4:30 AM	0	43	581	103042
9/2/18 5:00 AM	0	43	581	103042
9/2/18 5:30 AM	0	43	581	103042
9/2/18 6:00 AM	0	43	581	103042
9/2/18 6:30 AM	0	43	581	103042
9/2/18 7:00 AM	0	43	581	103042
9/2/18 7:30 AM	0	43	581	103042
9/2/18 8:00 AM	0	43	581	103042
9/2/18 8:30 AM	0	43	581	103042
9/2/18 9:00 AM	0	43	581	103042
9/2/18 9:30 AM	0	43	581	103042
9/2/18 10:00 AM	0	43	581	103042
9/2/18 10:30 AM	0	43	581	103042
9/2/18 11:00 AM	0	43	581	103042
9/2/18 11:30 AM	0	43	581	103042
9/2/18 12:00 PM	0	43	581	103042
9/2/18 12:30 PM	0	43	580	103042
9/2/18 1:00 PM	0	43	580	103042
9/2/18 1:30 PM	0	43	580	103042
9/2/18 2:00 PM	0	43	580	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/2/18 2:30 PM	0	43	580	103042
9/2/18 3:00 PM	0	43	580	103042
9/2/18 3:30 PM	0	44	580	103042
9/2/18 4:00 PM	0	44	580	103042
9/2/18 4:30 PM	0	44	580	103042
9/2/18 5:00 PM	0	44	580	103042
9/2/18 5:30 PM	0	44	580	103042
9/2/18 6:00 PM	0	44	580	103042
9/2/18 6:30 PM	0	44	580	103042
9/2/18 7:00 PM	0	44	580	103042
9/2/18 7:30 PM	0	44	580	103042
9/2/18 8:00 PM	0	44	580	103042
9/2/18 8:30 PM	0	44	580	103042
9/2/18 9:00 PM	0	44	580	103042
9/2/18 9:30 PM	0	44	580	103042
9/2/18 10:00 PM	0	44	580	103042
9/2/18 10:30 PM	0	44	580	103042
9/2/18 11:00 PM	0	44	580	103042
9/2/18 11:30 PM	0	44	580	103042
9/3/18 12:00 AM	0	44	580	103042
9/3/18 12:30 AM	0	44	580	103042
9/3/18 1:00 AM	0	44	580	103042
9/3/18 1:30 AM	0	44	580	103042
9/3/18 2:00 AM	0	44	580	103042
9/3/18 2:30 AM	0	43	580	103042
9/3/18 3:00 AM	0	43	580	103042
9/3/18 3:30 AM	0	43	580	103042
9/3/18 4:00 AM	0	43	580	103042
9/3/18 4:30 AM	0	43	580	103042
9/3/18 5:00 AM	0	43	580	103042
9/3/18 5:30 AM	0	43	580	103042
9/3/18 6:00 AM	0	43	580	103042
9/3/18 6:30 AM	0	43	580	103042
9/3/18 7:00 AM	0	43	580	103042
9/3/18 7:30 AM	0	43	580	103042
9/3/18 8:00 AM	0	43	580	103042
9/3/18 8:30 AM	0	43	580	103042
9/3/18 9:00 AM	0	43	580	103042
9/3/18 9:30 AM	0	43	580	103042
9/3/18 10:00 AM	0	43	580	103042
9/3/18 10:30 AM	0	43	580	103042
9/3/18 11:00 AM	0	43	580	103042
9/3/18 11:30 AM	0	43	580	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/3/18 12:00 PM	0	44	580	103042
9/3/18 12:30 PM	0	44	580	103042
9/3/18 1:00 PM	0	44	580	103042
9/3/18 1:30 PM	0	44	579	103042
9/3/18 2:00 PM	0	44	580	103042
9/3/18 2:30 PM	0	44	579	103042
9/3/18 3:00 PM	0	44	580	103042
9/3/18 3:30 PM	0	44	580	103042
9/3/18 4:00 PM	0	44	580	103042
9/3/18 4:30 PM	0	44	580	103042
9/3/18 5:00 PM	0	44	580	103042
9/3/18 5:30 PM	0	44	579	103042
9/3/18 6:00 PM	0	44	579	103042
9/3/18 6:30 PM	0	44	579	103042
9/3/18 7:00 PM	0	44	579	103042
9/3/18 7:30 PM	0	44	579	103042
9/3/18 8:00 PM	0	44	579	103042
9/3/18 8:30 PM	0	44	579	103042
9/3/18 9:00 PM	0	44	579	103042
9/3/18 9:30 PM	0	44	579	103042
9/3/18 10:00 PM	0	44	579	103042
9/3/18 10:30 PM	0	44	579	103042
9/3/18 11:00 PM	0	44	579	103042
9/3/18 11:30 PM	0	44	579	103042
9/4/18 12:00 AM	0	44	579	103042
9/4/18 12:30 AM	0	44	579	103042
9/4/18 1:00 AM	0	44	579	103042
9/4/18 1:30 AM	0	44	579	103042
9/4/18 2:00 AM	0	44	579	103042
9/4/18 2:30 AM	0	44	579	103042
9/4/18 3:00 AM	0	44	579	103042
9/4/18 3:30 AM	0	44	579	103042
9/4/18 4:00 AM	0	44	579	103042
9/4/18 4:30 AM	0	44	579	103042
9/4/18 5:00 AM	0	44	579	103042
9/4/18 5:30 AM	0	44	579	103042
9/4/18 6:00 AM	0	44	579	103042
9/4/18 6:30 AM	0	44	579	103042
9/4/18 7:00 AM	0	44	579	103042
9/4/18 7:30 AM	0	44	579	103042
9/4/18 8:00 AM	0	44	579	103042
9/4/18 8:30 AM	0	44	579	103042
9/4/18 9:00 AM	0	44	579	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/4/18 9:30 AM	0	44	579	103042
9/4/18 10:00 AM	0	44	579	103042
9/4/18 10:30 AM	0	44	579	103042
9/4/18 11:00 AM	0	44	579	103042
9/4/18 11:30 AM	0	44	579	103042
9/4/18 12:00 PM	0	44	579	103042
9/4/18 12:30 PM	0	44	579	103042
9/4/18 1:00 PM	0	44	579	103042
9/4/18 1:30 PM	0	44	579	103042
9/4/18 2:00 PM	0	44	579	103042
9/4/18 2:30 PM	0	44	579	103042
9/4/18 3:00 PM	0	44	579	103042
9/4/18 3:30 PM	0	44	579	103042
9/4/18 4:00 PM	0	44	579	103042
9/4/18 4:30 PM	0	44	579	103042
9/4/18 5:00 PM	0	44	579	103042
9/4/18 5:30 PM	0	44	579	103042
9/4/18 6:00 PM	0	44	578	103042
9/4/18 6:30 PM	0	44	578	103042
9/4/18 7:00 PM	0	44	578	103042
9/4/18 7:30 PM	0	44	578	103042
9/4/18 8:00 PM	0	44	579	103042
9/4/18 8:30 PM	0	44	579	103042
9/4/18 9:00 PM	0	44	579	103042
9/4/18 9:30 PM	0	44	579	103042
9/4/18 10:00 PM	0	44	579	103042
9/4/18 10:30 PM	0	44	579	103042
9/4/18 11:00 PM	0	44	579	103042
9/4/18 11:30 PM	0	44	579	103042
9/5/18 12:00 AM	0	44	579	103042
9/5/18 12:30 AM	0	44	579	103042
9/5/18 1:00 AM	0	44	578	103042
9/5/18 1:30 AM	0	44	579	103042
9/5/18 2:00 AM	0	44	578	103042
9/5/18 2:30 AM	0	44	578	103042
9/5/18 3:00 AM	0	44	578	103042
9/5/18 3:30 AM	0	44	578	103042
9/5/18 4:00 AM	0	44	578	103042
9/5/18 4:30 AM	0	44	578	103042
9/5/18 5:00 AM	0	44	578	103042
9/5/18 5:30 AM	0	44	578	103042
9/5/18 6:00 AM	0	44	578	103042
9/5/18 6:30 AM	0	44	578	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/5/18 7:00 AM	0	44	578	103042
9/5/18 7:30 AM	0	44	578	103042
9/5/18 8:00 AM	0	44	578	103042
9/5/18 8:30 AM	0	44	578	103042
9/5/18 9:00 AM	0	44	578	103042
9/5/18 9:30 AM	0	44	578	103042
9/5/18 10:00 AM	0	44	578	103042
9/5/18 10:30 AM	0	44	578	103042
9/5/18 11:00 AM	0	44	578	103042
9/5/18 11:30 AM	0	44	578	103042
9/5/18 12:00 PM	0	44	578	103042
9/5/18 12:30 PM	0	44	578	103042
9/5/18 1:00 PM	0	44	578	103042
9/5/18 1:30 PM	0	44	578	103042
9/5/18 2:00 PM	0	44	578	103042
9/5/18 2:30 PM	0	44	578	103042
9/5/18 3:00 PM	0	44	578	103042
9/5/18 3:30 PM	0	44	578	103042
9/5/18 4:00 PM	0	44	578	103042
9/5/18 4:30 PM	0	45	577	103042
9/5/18 5:00 PM	0	45	577	103042
9/5/18 5:30 PM	0	45	577	103042
9/5/18 6:00 PM	0	45	578	103042
9/5/18 6:30 PM	0	45	578	103042
9/5/18 7:00 PM	0	45	578	103042
9/5/18 7:30 PM	0	45	578	103042
9/5/18 8:00 PM	0	45	578	103042
9/5/18 8:30 PM	0	45	578	103042
9/5/18 9:00 PM	0	44	578	103042
9/5/18 9:30 PM	0	44	578	103042
9/5/18 10:00 PM	0	44	578	103042
9/5/18 10:30 PM	0	44	578	103042
9/5/18 11:00 PM	0	44	578	103042
9/5/18 11:30 PM	0	44	578	103042
9/6/18 12:00 AM	0	44	578	103042
9/6/18 12:30 AM	0	44	578	103042
9/6/18 1:00 AM	0	44	578	103042
9/6/18 1:30 AM	0	44	578	103042
9/6/18 2:00 AM	0	44	578	103042
9/6/18 2:30 AM	0	44	578	103042
9/6/18 3:00 AM	0	44	578	103042
9/6/18 3:30 AM	0	44	578	103042
9/6/18 4:00 AM	0	44	577	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/6/18 4:30 AM	0	44	577	103042
9/6/18 5:00 AM	0	44	578	103042
9/6/18 5:30 AM	0	44	577	103042
9/6/18 6:00 AM	0	44	577	103042
9/6/18 6:30 AM	0	44	577	103042
9/6/18 7:00 AM	0	44	577	103042
9/6/18 7:30 AM	0	44	577	103042
9/6/18 8:00 AM	0	44	577	103042
9/6/18 8:30 AM	0	44	578	103042
9/6/18 9:00 AM	0	44	578	103042
9/6/18 9:30 AM	0	44	577	103042
9/6/18 10:00 AM	0	44	577	103042
9/6/18 10:30 AM	0	44	578	103042
9/6/18 11:00 AM	0	44	577	103042
9/6/18 11:30 AM	0	44	577	103042
9/6/18 12:00 PM	0	44	577	103042
9/6/18 12:30 PM	0	44	577	103042
9/6/18 1:00 PM	0	44	577	103042
9/6/18 1:30 PM	0	44	577	103042
9/6/18 2:00 PM	0	45	577	103042
9/6/18 2:30 PM	0	45	577	103042
9/6/18 3:00 PM	0	45	577	103042
9/6/18 3:30 PM	0	45	577	103042
9/6/18 4:00 PM	0	45	577	103042
9/6/18 4:30 PM	0	45	577	103042
9/6/18 5:00 PM	0	45	576	103042
9/6/18 5:30 PM	0	45	577	103042
9/6/18 6:00 PM	0	45	577	103042
9/6/18 6:30 PM	0	45	577	103042
9/6/18 7:00 PM	0	45	577	103042
9/6/18 7:30 PM	0	45	577	103042
9/6/18 8:00 PM	0	45	577	103042
9/6/18 8:30 PM	0	45	577	103042
9/6/18 9:00 PM	0	45	577	103042
9/6/18 9:30 PM	0	45	577	103042
9/6/18 10:00 PM	0	45	577	103042
9/6/18 10:30 PM	0	45	577	103042
9/6/18 11:00 PM	0	45	577	103042
9/6/18 11:30 PM	0	45	577	103042
9/7/18 12:00 AM	0	45	577	103042
9/7/18 12:30 AM	0	45	577	103042
9/7/18 1:00 AM	0	45	577	103042
9/7/18 1:30 AM	0	45	577	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/7/18 2:00 AM	0	45	577	103042
9/7/18 2:30 AM	0	45	577	103042
9/7/18 3:00 AM	0	44	577	103042
9/7/18 3:30 AM	0	44	577	103042
9/7/18 4:00 AM	0	44	577	103042
9/7/18 4:30 AM	0	44	577	103042
9/7/18 5:00 AM	0	44	577	103042
9/7/18 5:30 AM	0	44	577	103042
9/7/18 6:00 AM	0	44	577	103042
9/7/18 6:30 AM	0	44	577	103042
9/7/18 7:00 AM	0	44	577	103042
9/7/18 7:30 AM	0	44	577	103042
9/7/18 8:00 AM	0	44	577	103042
9/7/18 8:30 AM	0	44	577	103042
9/7/18 9:00 AM	0	44	577	103042
9/7/18 9:30 AM	0	44	577	103042
9/7/18 10:00 AM	0	44	577	103042
9/7/18 10:30 AM	0	44	577	103042
9/7/18 11:00 AM	0	44	577	103042
9/7/18 11:30 AM	0	45	576	103042
9/7/18 12:00 PM	0	45	576	103042
9/7/18 12:30 PM	0	45	576	103042
9/7/18 1:00 PM	0	45	576	103042
9/7/18 1:30 PM	0	45	576	103042
9/7/18 2:00 PM	0	45	576	103042
9/7/18 2:30 PM	0	45	576	103042
9/7/18 3:00 PM	0	45	576	103042
9/7/18 3:30 PM	0	45	576	103042
9/7/18 4:00 PM	0	45	576	103042
9/7/18 4:30 PM	0	45	576	103042
9/7/18 5:00 PM	0	45	576	103042
9/7/18 5:30 PM	0	45	576	103042
9/7/18 6:00 PM	0	45	576	103042
9/7/18 6:30 PM	0	45	576	103042
9/7/18 7:00 PM	0	45	576	103042
9/7/18 7:30 PM	0	45	576	103042
9/7/18 8:00 PM	0	45	576	103042
9/7/18 8:30 PM	0	45	576	103042
9/7/18 9:00 PM	0	45	576	103042
9/7/18 9:30 PM	0	45	576	103042
9/7/18 10:00 PM	0	45	576	103042
9/7/18 10:30 PM	0	45	576	103042
9/7/18 11:00 PM	0	45	576	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/7/18 11:30 PM	0	45	576	103042
9/8/18 12:00 AM	0	45	576	103042
9/8/18 12:30 AM	0	45	576	103042
9/8/18 1:00 AM	0	45	576	103042
9/8/18 1:30 AM	0	45	576	103042
9/8/18 2:00 AM	0	45	576	103042
9/8/18 2:30 AM	0	45	576	103042
9/8/18 3:00 AM	0	45	576	103042
9/8/18 3:30 AM	0	45	576	103042
9/8/18 4:00 AM	0	45	576	103042
9/8/18 4:30 AM	0	45	576	103042
9/8/18 5:00 AM	0	45	576	103042
9/8/18 5:30 AM	0	45	576	103042
9/8/18 6:00 AM	0	45	576	103042
9/8/18 6:30 AM	0	45	576	103042
9/8/18 7:00 AM	0	45	576	103042
9/8/18 7:30 AM	0	45	576	103042
9/8/18 8:00 AM	0	45	576	103042
9/8/18 8:30 AM	0	45	576	103042
9/8/18 9:00 AM	0	45	576	103042
9/8/18 9:30 AM	0	45	576	103042
9/8/18 10:00 AM	0	45	576	103042
9/8/18 10:30 AM	0	45	576	103042
9/8/18 11:00 AM	0	45	576	103042
9/8/18 11:30 AM	0	45	576	103042
9/8/18 12:00 PM	0	45	576	103042
9/8/18 12:30 PM	0	45	576	103042
9/8/18 1:00 PM	0	45	576	103042
9/8/18 1:30 PM	0	45	575	103042
9/8/18 2:00 PM	0	45	575	103042
9/8/18 2:30 PM	0	45	575	103042
9/8/18 3:00 PM	0	45	575	103042
9/8/18 3:30 PM	0	45	575	103042
9/8/18 4:00 PM	0	46	575	103042
9/8/18 4:30 PM	0	46	575	103042
9/8/18 5:00 PM	0	46	575	103042
9/8/18 5:30 PM	0	46	575	103042
9/8/18 6:00 PM	0	46	575	103042
9/8/18 6:30 PM	0	46	575	103042
9/8/18 7:00 PM	0	46	575	103042
9/8/18 7:30 PM	0	46	575	103042
9/8/18 8:00 PM	0	46	575	103042
9/8/18 8:30 PM	0	46	575	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/8/18 9:00 PM	0	46	575	103042
9/8/18 9:30 PM	0	46	575	103042
9/8/18 10:00 PM	0	46	575	103042
9/8/18 10:30 PM	0	46	575	103042
9/8/18 11:00 PM	0	46	575	103042
9/8/18 11:30 PM	0	45	575	103042
9/9/18 12:00 AM	0	45	575	103042
9/9/18 12:30 AM	0	45	575	103042
9/9/18 1:00 AM	0	45	575	103042
9/9/18 1:30 AM	0	45	575	103042
9/9/18 2:00 AM	0	45	575	103042
9/9/18 2:30 AM	0	45	575	103042
9/9/18 3:00 AM	0	45	575	103042
9/9/18 3:30 AM	0	45	575	103042
9/9/18 4:00 AM	0	45	575	103042
9/9/18 4:30 AM	0	45	575	103042
9/9/18 5:00 AM	0	45	575	103042
9/9/18 5:30 AM	0	45	575	103042
9/9/18 6:00 AM	0	45	575	103042
9/9/18 6:30 AM	0	45	575	103042
9/9/18 7:00 AM	0	45	575	103042
9/9/18 7:30 AM	0	45	575	103042
9/9/18 8:00 AM	0	45	575	103042
9/9/18 8:30 AM	0	45	575	103042
9/9/18 9:00 AM	0	45	575	103042
9/9/18 9:30 AM	0	45	575	103042
9/9/18 10:00 AM	0	45	575	103042
9/9/18 10:30 AM	0	45	575	103042
9/9/18 11:00 AM	0	45	575	103042
9/9/18 11:30 AM	0	45	575	103042
9/9/18 12:00 PM	0	45	575	103042
9/9/18 12:30 PM	0	45	575	103042
9/9/18 1:00 PM	0	45	575	103042
9/9/18 1:30 PM	0	45	575	103042
9/9/18 2:00 PM	0	45	575	103042
9/9/18 2:30 PM	0	45	575	103042
9/9/18 3:00 PM	0	46	575	103042
9/9/18 3:30 PM	0	46	575	103042
9/9/18 4:00 PM	0	46	574	103042
9/9/18 4:30 PM	0	46	574	103042
9/9/18 5:00 PM	0	46	574	103042
9/9/18 5:30 PM	0	46	575	103042
9/9/18 6:00 PM	0	46	575	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/9/18 6:30 PM	0	46	575	103042
9/9/18 7:00 PM	0	46	575	103042
9/9/18 7:30 PM	0	46	574	103042
9/9/18 8:00 PM	0	46	574	103042
9/9/18 8:30 PM	0	46	575	103042
9/9/18 9:00 PM	0	46	575	103042
9/9/18 9:30 PM	0	46	575	103042
9/9/18 10:00 PM	0	46	575	103042
9/9/18 10:30 PM	0	46	575	103042
9/9/18 11:00 PM	0	46	575	103042
9/9/18 11:30 PM	0	45	575	103042
9/10/18 12:00 AM	0	45	575	103042
9/10/18 12:30 AM	0	45	575	103042
9/10/18 1:00 AM	0	45	574	103042
9/10/18 1:30 AM	0	45	574	103042
9/10/18 2:00 AM	0	45	574	103042
9/10/18 2:30 AM	0	45	574	103042
9/10/18 3:00 AM	0	45	574	103042
9/10/18 3:30 AM	0	45	574	103042
9/10/18 4:00 AM	0	45	574	103042
9/10/18 4:30 AM	0	45	574	103042
9/10/18 5:00 AM	0	45	574	103042
9/10/18 5:30 AM	0	45	574	103042
9/10/18 6:00 AM	0	45	574	103042
9/10/18 6:30 AM	0	45	574	103042
9/10/18 7:00 AM	0	45	574	103042
9/10/18 7:30 AM	0	45	574	103042
9/10/18 8:00 AM	0	45	574	103042
9/10/18 8:30 AM	0	45	574	103042
9/10/18 9:00 AM	0	45	575	103042
9/10/18 9:30 AM	61	Bad	940	103071
9/10/18 10:00 AM	39	Bad	923	103105
9/10/18 10:30 AM	38	Bad	948	103133
9/10/18 11:00 AM	39	Bad	974	103162
9/10/18 11:30 AM	40	Bad	995	103190
9/10/18 12:00 PM	38	Bad	1009	103218
9/10/18 12:30 PM	38	Bad	1020	103246
9/10/18 1:00 PM	40	Bad	1030	103274
9/10/18 1:30 PM	39	Bad	1040	103301
9/10/18 2:00 PM	39	Bad	1048	103329
9/10/18 2:30 PM	39	Bad	1056	103357
9/10/18 3:00 PM	0	Bad	810	103362
9/10/18 3:30 PM	0	Bad	755	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/10/18 4:00 PM	0	Bad	726	103362
9/10/18 4:30 PM	0	Bad	707	103362
9/10/18 5:00 PM	0	Bad	694	103362
9/10/18 5:30 PM	0	Bad	683	103362
9/10/18 6:00 PM	0	Bad	675	103362
9/10/18 6:30 PM	0	Bad	668	103362
9/10/18 7:00 PM	0	Bad	662	103362
9/10/18 7:30 PM	0	Bad	657	103362
9/10/18 8:00 PM	0	Bad	653	103362
9/10/18 8:30 PM	0	Bad	649	103362
9/10/18 9:00 PM	0	Bad	646	103362
9/10/18 9:30 PM	0	Bad	643	103362
9/10/18 10:00 PM	0	Bad	640	103362
9/10/18 10:30 PM	0	Bad	638	103362
9/10/18 11:00 PM	0	Bad	636	103362
9/10/18 11:30 PM	0	Bad	634	103362
9/11/18 12:00 AM	0	Bad	632	103362
9/11/18 12:30 AM	0	Bad	630	103362
9/11/18 1:00 AM	0	Bad	628	103362
9/11/18 1:30 AM	0	Bad	627	103362
9/11/18 2:00 AM	0	-5	625	103362
9/11/18 2:30 AM	0	-5	624	103362
9/11/18 3:00 AM	0	-5	623	103362
9/11/18 3:30 AM	0	-4	622	103362
9/11/18 4:00 AM	0	-4	621	103362
9/11/18 4:30 AM	0	-4	620	103362
9/11/18 5:00 AM	0	-4	619	103362
9/11/18 5:30 AM	0	-3	618	103362
9/11/18 6:00 AM	0	-3	617	103362
9/11/18 6:30 AM	0	-3	616	103362
9/11/18 7:00 AM	0	-3	615	103362
9/11/18 7:30 AM	0	-3	615	103362
9/11/18 8:00 AM	0	-2	614	103362
9/11/18 8:30 AM	0	-2	613	103362
9/11/18 9:00 AM	0	-1	613	103362
9/11/18 9:30 AM	0	-1	612	103362
9/11/18 10:00 AM	0	-1	611	103362
9/11/18 10:30 AM	0	0	611	103362
9/11/18 11:00 AM	0	0	610	103362
9/11/18 11:30 AM	0	0	609	103362
9/11/18 12:00 PM	0	1	609	103362
9/11/18 12:30 PM	0	1	608	103362
9/11/18 1:00 PM	0	1	608	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/11/18 1:30 PM	0	2	607	103362
9/11/18 2:00 PM	0	2	607	103362
9/11/18 2:30 PM	0	2	606	103362
9/11/18 3:00 PM	0	3	606	103362
9/11/18 3:30 PM	0	3	605	103362
9/11/18 4:00 PM	0	4	605	103362
9/11/18 4:30 PM	0	4	605	103362
9/11/18 5:00 PM	0	4	605	103362
9/11/18 5:30 PM	0	5	604	103362
9/11/18 6:00 PM	0	5	604	103362
9/11/18 6:30 PM	0	5	603	103362
9/11/18 7:00 PM	0	6	603	103362
9/11/18 7:30 PM	0	6	602	103362
9/11/18 8:00 PM	0	6	602	103362
9/11/18 8:30 PM	0	7	602	103362
9/11/18 9:00 PM	0	7	602	103362
9/11/18 9:30 PM	0	7	601	103362
9/11/18 10:00 PM	0	8	601	103362
9/11/18 10:30 PM	0	8	601	103362
9/11/18 11:00 PM	0	8	600	103362
9/11/18 11:30 PM	0	8	600	103362
9/12/18 12:00 AM	0	9	600	103362
9/12/18 12:30 AM	0	9	600	103362
9/12/18 1:00 AM	0	9	599	103362
9/12/18 1:30 AM	0	9	599	103362
9/12/18 2:00 AM	0	10	599	103362
9/12/18 2:30 AM	0	10	599	103362
9/12/18 3:00 AM	0	10	598	103362
9/12/18 3:30 AM	0	10	598	103362
9/12/18 4:00 AM	0	11	598	103362
9/12/18 4:30 AM	0	11	598	103362
9/12/18 5:00 AM	0	11	597	103362
9/12/18 5:30 AM	0	11	597	103362
9/12/18 6:00 AM	0	12	597	103362
9/12/18 6:30 AM	0	12	597	103362
9/12/18 7:00 AM	0	12	597	103362
9/12/18 7:30 AM	0	12	597	103362
9/12/18 8:00 AM	0	13	597	103362
9/12/18 8:30 AM	0	13	596	103362
9/12/18 9:00 AM	0	13	596	103362
9/12/18 9:30 AM	0	13	596	103362
9/12/18 10:00 AM	0	14	596	103362
9/12/18 10:30 AM	0	14	595	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/12/18 11:00 AM	0	14	595	103362
9/12/18 11:30 AM	0	15	595	103362
9/12/18 12:00 PM	0	15	595	103362
9/12/18 12:30 PM	0	15	594	103362
9/12/18 1:00 PM	0	15	594	103362
9/12/18 1:30 PM	0	16	594	103362
9/12/18 2:00 PM	0	16	594	103362
9/12/18 2:30 PM	0	16	594	103362
9/12/18 3:00 PM	0	17	594	103362
9/12/18 3:30 PM	0	17	594	103362
9/12/18 4:00 PM	0	17	593	103362
9/12/18 4:30 PM	0	17	593	103362
9/12/18 5:00 PM	0	18	593	103362
9/12/18 5:30 PM	0	18	593	103362
9/12/18 6:00 PM	0	18	593	103362
9/12/18 6:30 PM	0	18	593	103362
9/12/18 7:00 PM	0	19	592	103362
9/12/18 7:30 PM	0	19	592	103362
9/12/18 8:00 PM	0	19	592	103362
9/12/18 8:30 PM	0	19	592	103362
9/12/18 9:00 PM	0	19	592	103362
9/12/18 9:30 PM	0	20	592	103362
9/12/18 10:00 PM	0	20	592	103362
9/12/18 10:30 PM	0	20	592	103362
9/12/18 11:00 PM	0	20	592	103362
9/12/18 11:30 PM	0	20	591	103362
9/13/18 12:00 AM	0	20	591	103362
9/13/18 12:30 AM	0	20	591	103362
9/13/18 1:00 AM	0	21	591	103362
9/13/18 1:30 AM	0	21	591	103362
9/13/18 2:00 AM	0	21	591	103362
9/13/18 2:30 AM	0	21	591	103362
9/13/18 3:00 AM	0	21	590	103362
9/13/18 3:30 AM	0	21	590	103362
9/13/18 4:00 AM	0	22	590	103362
9/13/18 4:30 AM	0	22	590	103362
9/13/18 5:00 AM	0	22	590	103362
9/13/18 5:30 AM	0	22	590	103362
9/13/18 6:00 AM	0	22	590	103362
9/13/18 6:30 AM	0	22	590	103362
9/13/18 7:00 AM	0	22	590	103362
9/13/18 7:30 AM	0	22	590	103362
9/13/18 8:00 AM	0	23	590	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/13/18 8:30 AM	0	23	590	103362
9/13/18 9:00 AM	0	23	590	103362
9/13/18 9:30 AM	0	23	589	103362
9/13/18 10:00 AM	0	23	589	103362
9/13/18 10:30 AM	0	24	589	103362
9/13/18 11:00 AM	0	24	589	103362
9/13/18 11:30 AM	0	24	589	103362
9/13/18 12:00 PM	0	24	588	103362
9/13/18 12:30 PM	0	24	588	103362
9/13/18 1:00 PM	0	25	588	103362
9/13/18 1:30 PM	0	25	588	103362
9/13/18 2:00 PM	0	25	588	103362
9/13/18 2:30 PM	0	25	588	103362
9/13/18 3:00 PM	0	26	588	103362
9/13/18 3:30 PM	0	26	588	103362
9/13/18 4:00 PM	0	26	588	103362
9/13/18 4:30 PM	0	26	588	103362
9/13/18 5:00 PM	0	26	588	103362
9/13/18 5:30 PM	0	26	588	103362
9/13/18 6:00 PM	0	27	587	103362
9/13/18 6:30 PM	0	27	587	103362
9/13/18 7:00 PM	0	27	587	103362
9/13/18 7:30 PM	0	27	587	103362
9/13/18 8:00 PM	0	27	587	103362
9/13/18 8:30 PM	0	27	587	103362
9/13/18 9:00 PM	0	27	587	103362
9/13/18 9:30 PM	0	27	587	103362
9/13/18 10:00 PM	0	28	587	103362
9/13/18 10:30 PM	0	28	587	103362
9/13/18 11:00 PM	0	28	587	103362
9/13/18 11:30 PM	0	28	587	103362
9/14/18 12:00 AM	0	28	587	103362
9/14/18 12:30 AM	0	28	587	103362
9/14/18 1:00 AM	0	28	586	103362
9/14/18 1:30 AM	0	28	586	103362
9/14/18 2:00 AM	0	28	586	103362
9/14/18 2:30 AM	0	28	586	103362
9/14/18 3:00 AM	0	28	586	103362
9/14/18 3:30 AM	0	28	586	103362
9/14/18 4:00 AM	0	28	586	103362
9/14/18 4:30 AM	0	28	586	103362
9/14/18 5:00 AM	0	28	586	103362
9/14/18 5:30 AM	0	29	586	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/14/18 6:00 AM	0	29	586	103362
9/14/18 6:30 AM	0	29	586	103362
9/14/18 7:00 AM	0	29	586	103362
9/14/18 7:30 AM	0	29	586	103362
9/14/18 8:00 AM	0	29	586	103362
9/14/18 8:30 AM	0	29	586	103362
9/14/18 9:00 AM	0	29	586	103362
9/14/18 9:30 AM	0	29	585	103362
9/14/18 10:00 AM	0	30	585	103362
9/14/18 10:30 AM	0	30	585	103362
9/14/18 11:00 AM	0	30	585	103362
9/14/18 11:30 AM	0	30	585	103362
9/14/18 12:00 PM	0	30	585	103362
9/14/18 12:30 PM	0	30	585	103362
9/14/18 1:00 PM	0	30	585	103362
9/14/18 1:30 PM	0	31	584	103362
9/14/18 2:00 PM	0	31	584	103362
9/14/18 2:30 PM	0	31	584	103362
9/14/18 3:00 PM	0	31	584	103362
9/14/18 3:30 PM	0	31	584	103362
9/14/18 4:00 PM	0	31	584	103362
9/14/18 4:30 PM	0	32	584	103362
9/14/18 5:00 PM	0	32	584	103362
9/14/18 5:30 PM	0	32	584	103362
9/14/18 6:00 PM	0	32	584	103362
9/14/18 6:30 PM	0	32	584	103362
9/14/18 7:00 PM	0	32	584	103362
9/14/18 7:30 PM	0	32	584	103362
9/14/18 8:00 PM	0	32	584	103362
9/14/18 8:30 PM	0	32	584	103362
9/14/18 9:00 PM	0	32	584	103362
9/14/18 9:30 PM	0	32	584	103362
9/14/18 10:00 PM	0	32	584	103362
9/14/18 10:30 PM	0	33	584	103362
9/14/18 11:00 PM	0	33	584	103362
9/14/18 11:30 PM	0	33	584	103362
9/15/18 12:00 AM	0	33	584	103362
9/15/18 12:30 AM	0	33	583	103362
9/15/18 1:00 AM	0	33	583	103362
9/15/18 1:30 AM	0	33	583	103362
9/15/18 2:00 AM	0	33	583	103362
9/15/18 2:30 AM	0	33	583	103362
9/15/18 3:00 AM	0	33	583	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/15/18 3:30 AM	0	33	583	103362
9/15/18 4:00 AM	0	33	583	103362
9/15/18 4:30 AM	0	33	583	103362
9/15/18 5:00 AM	0	33	583	103362
9/15/18 5:30 AM	0	33	583	103362
9/15/18 6:00 AM	0	33	583	103362
9/15/18 6:30 AM	0	33	583	103362
9/15/18 7:00 AM	0	33	583	103362
9/15/18 7:30 AM	0	33	583	103362
9/15/18 8:00 AM	0	33	583	103362
9/15/18 8:30 AM	0	33	583	103362
9/15/18 9:00 AM	0	33	583	103362
9/15/18 9:30 AM	0	34	582	103362
9/15/18 10:00 AM	0	34	582	103362
9/15/18 10:30 AM	0	34	582	103362
9/15/18 11:00 AM	0	34	582	103362
9/15/18 11:30 AM	0	34	582	103362
9/15/18 12:00 PM	0	34	582	103362
9/15/18 12:30 PM	0	34	582	103362
9/15/18 1:00 PM	0	35	582	103362
9/15/18 1:30 PM	0	35	582	103362
9/15/18 2:00 PM	0	35	582	103362
9/15/18 2:30 PM	0	35	581	103362
9/15/18 3:00 PM	0	35	582	103362
9/15/18 3:30 PM	0	35	581	103362
9/15/18 4:00 PM	0	35	582	103362
9/15/18 4:30 PM	0	36	581	103362
9/15/18 5:00 PM	0	36	581	103362
9/15/18 5:30 PM	0	36	581	103362
9/15/18 6:00 PM	0	36	581	103362
9/15/18 6:30 PM	0	36	581	103362
9/15/18 7:00 PM	0	36	581	103362
9/15/18 7:30 PM	0	36	581	103362
9/15/18 8:00 PM	0	36	581	103362
9/15/18 8:30 PM	0	36	581	103362
9/15/18 9:00 PM	0	36	581	103362
9/15/18 9:30 PM	0	36	581	103362
9/15/18 10:00 PM	0	36	581	103362
9/15/18 10:30 PM	0	36	581	103362
9/15/18 11:00 PM	0	36	581	103362
9/15/18 11:30 PM	0	36	581	103362
9/16/18 12:00 AM	0	36	581	103362
9/16/18 12:30 AM	0	36	581	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/16/18 1:00 AM	0	36	581	103362
9/16/18 1:30 AM	0	36	581	103362
9/16/18 2:00 AM	0	36	581	103362
9/16/18 2:30 AM	0	36	581	103362
9/16/18 3:00 AM	0	36	581	103362
9/16/18 3:30 AM	0	36	581	103362
9/16/18 4:00 AM	0	36	581	103362
9/16/18 4:30 AM	0	36	580	103362
9/16/18 5:00 AM	0	36	580	103362
9/16/18 5:30 AM	0	36	580	103362
9/16/18 6:00 AM	0	36	580	103362
9/16/18 6:30 AM	0	36	580	103362
9/16/18 7:00 AM	0	36	580	103362
9/16/18 7:30 AM	0	36	580	103362
9/16/18 8:00 AM	0	36	580	103362
9/16/18 8:30 AM	0	37	580	103362
9/16/18 9:00 AM	0	37	580	103362
9/16/18 9:30 AM	0	37	580	103362
9/16/18 10:00 AM	0	37	580	103362
9/16/18 10:30 AM	0	37	580	103362
9/16/18 11:00 AM	0	37	580	103362
9/16/18 11:30 AM	0	37	580	103362
9/16/18 12:00 PM	0	37	580	103362
9/16/18 12:30 PM	0	37	580	103362
9/16/18 1:00 PM	0	37	580	103362
9/16/18 1:30 PM	0	38	579	103362
9/16/18 2:00 PM	0	38	579	103362
9/16/18 2:30 PM	0	38	579	103362
9/16/18 3:00 PM	0	38	579	103362
9/16/18 3:30 PM	0	38	579	103362
9/16/18 4:00 PM	0	38	579	103362
9/16/18 4:30 PM	0	38	579	103362
9/16/18 5:00 PM	0	38	579	103362
9/16/18 5:30 PM	0	38	579	103362
9/16/18 6:00 PM	0	39	579	103362
9/16/18 6:30 PM	0	39	579	103362
9/16/18 7:00 PM	0	39	579	103362
9/16/18 7:30 PM	0	39	579	103362
9/16/18 8:00 PM	0	39	579	103362
9/16/18 8:30 PM	0	39	579	103362
9/16/18 9:00 PM	0	39	579	103362
9/16/18 9:30 PM	0	39	579	103362
9/16/18 10:00 PM	0	39	579	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/16/18 10:30 PM	0	39	579	103362
9/16/18 11:00 PM	0	39	579	103362
9/16/18 11:30 PM	0	39	579	103362
9/17/18 12:00 AM	0	39	579	103362
9/17/18 12:30 AM	0	39	579	103362
9/17/18 1:00 AM	0	39	579	103362
9/17/18 1:30 AM	0	39	579	103362
9/17/18 2:00 AM	0	39	579	103362
9/17/18 2:30 AM	0	39	579	103362
9/17/18 3:00 AM	0	39	579	103362
9/17/18 3:30 AM	0	39	579	103362
9/17/18 4:00 AM	0	39	579	103362
9/17/18 4:30 AM	0	39	578	103362
9/17/18 5:00 AM	0	39	578	103362
9/17/18 5:30 AM	0	39	578	103362
9/17/18 6:00 AM	0	39	578	103362
9/17/18 6:30 AM	0	39	578	103362
9/17/18 7:00 AM	0	39	578	103362
9/17/18 7:30 AM	0	39	578	103362
9/17/18 8:00 AM	0	39	578	103362
9/17/18 8:30 AM	0	39	578	103362
9/17/18 9:00 AM	0	39	578	103362
9/17/18 9:30 AM	0	39	578	103362
9/17/18 10:00 AM	0	39	578	103362
9/17/18 10:30 AM	0	39	578	103362
9/17/18 11:00 AM	0	39	578	103362
9/17/18 11:30 AM	0	39	578	103362
9/17/18 12:00 PM	0	39	578	103362
9/17/18 12:30 PM	0	40	578	103362
9/17/18 1:00 PM	0	40	578	103362
9/17/18 1:30 PM	0	40	578	103362
9/17/18 2:00 PM	0	40	577	103362
9/17/18 2:30 PM	0	40	578	103362
9/17/18 3:00 PM	0	40	577	103362
9/17/18 3:30 PM	0	40	578	103362
9/17/18 4:00 PM	0	40	577	103362
9/17/18 4:30 PM	0	40	577	103362
9/17/18 5:00 PM	0	40	577	103362
9/17/18 5:30 PM	0	40	577	103362
9/17/18 6:00 PM	0	40	577	103362
9/17/18 6:30 PM	0	41	577	103362
9/17/18 7:00 PM	0	41	577	103362
9/17/18 7:30 PM	0	41	577	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/17/18 8:00 PM	0	41	577	103362
9/17/18 8:30 PM	0	41	577	103362
9/17/18 9:00 PM	0	41	577	103362
9/17/18 9:30 PM	0	41	577	103362
9/17/18 10:00 PM	0	41	577	103362
9/17/18 10:30 PM	0	41	577	103362
9/17/18 11:00 PM	0	40	577	103362
9/17/18 11:30 PM	0	40	577	103362
9/18/18 12:00 AM	0	40	577	103362
9/18/18 12:30 AM	0	40	577	103362
9/18/18 1:00 AM	0	40	577	103362
9/18/18 1:30 AM	0	40	577	103362
9/18/18 2:00 AM	0	40	577	103362
9/18/18 2:30 AM	0	40	577	103362
9/18/18 3:00 AM	0	40	577	103362
9/18/18 3:30 AM	0	40	577	103362
9/18/18 4:00 AM	0	40	577	103362
9/18/18 4:30 AM	0	40	577	103362
9/18/18 5:00 AM	0	40	577	103362
9/18/18 5:30 AM	0	40	577	103362
9/18/18 6:00 AM	0	40	577	103362
9/18/18 6:30 AM	0	40	577	103362
9/18/18 7:00 AM	0	40	577	103362
9/18/18 7:30 AM	0	40	577	103362
9/18/18 8:00 AM	0	40	577	103362
9/18/18 8:30 AM	0	40	577	103362
9/18/18 9:00 AM	0	41	577	103362
9/18/18 9:30 AM	0	41	577	103362
9/18/18 10:00 AM	0	41	577	103362
9/18/18 10:30 AM	0	41	576	103362
9/18/18 11:00 AM	0	41	576	103362
9/18/18 11:30 AM	0	41	576	103362
9/18/18 12:00 PM	0	41	576	103362
9/18/18 12:30 PM	0	41	576	103362
9/18/18 1:00 PM	0	41	576	103362
9/18/18 1:30 PM	0	41	576	103362
9/18/18 2:00 PM	0	41	576	103362
9/18/18 2:30 PM	0	42	576	103362
9/18/18 3:00 PM	0	42	576	103362
9/18/18 3:30 PM	0	42	576	103362
9/18/18 4:00 PM	0	42	576	103362
9/18/18 4:30 PM	0	42	576	103362
9/18/18 5:00 PM	0	42	576	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/18/18 5:30 PM	0	42	576	103362
9/18/18 6:00 PM	0	42	576	103362
9/18/18 6:30 PM	0	42	576	103362
9/18/18 7:00 PM	0	42	575	103362
9/18/18 7:30 PM	0	42	575	103362
9/18/18 8:00 PM	0	42	576	103362
9/18/18 8:30 PM	0	42	576	103362
9/18/18 9:00 PM	0	42	576	103362
9/18/18 9:30 PM	0	42	576	103362
9/18/18 10:00 PM	0	42	576	103362
9/18/18 10:30 PM	0	42	576	103362
9/18/18 11:00 PM	0	42	576	103362
9/18/18 11:30 PM	0	42	576	103362
9/19/18 12:00 AM	0	42	576	103362
9/19/18 12:30 AM	0	42	576	103362
9/19/18 1:00 AM	0	42	576	103362
9/19/18 1:30 AM	0	42	575	103362
9/19/18 2:00 AM	0	42	575	103362
9/19/18 2:30 AM	0	42	575	103362
9/19/18 3:00 AM	0	42	575	103362
9/19/18 3:30 AM	0	42	575	103362
9/19/18 4:00 AM	0	42	575	103362
9/19/18 4:30 AM	0	42	575	103362
9/19/18 5:00 AM	0	42	575	103362
9/19/18 5:30 AM	0	42	575	103362
9/19/18 6:00 AM	0	42	575	103362
9/19/18 6:30 AM	0	42	575	103362
9/19/18 7:00 AM	0	42	575	103362
9/19/18 7:30 AM	0	42	575	103362
9/19/18 8:00 AM	0	42	575	103362
9/19/18 8:30 AM	0	42	575	103362
9/19/18 9:00 AM	0	42	575	103362
9/19/18 9:30 AM	0	42	575	103362
9/19/18 10:00 AM	0	42	575	103362
9/19/18 10:30 AM	0	42	575	103362
9/19/18 11:00 AM	0	42	575	103362
9/19/18 11:30 AM	0	42	575	103362
9/19/18 12:00 PM	0	42	575	103362
9/19/18 12:30 PM	0	42	575	103362
9/19/18 1:00 PM	0	42	575	103362
9/19/18 1:30 PM	0	43	574	103362
9/19/18 2:00 PM	0	43	574	103362
9/19/18 2:30 PM	0	43	575	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/19/18 3:00 PM	0	43	575	103362
9/19/18 3:30 PM	0	43	575	103362
9/19/18 4:00 PM	0	43	574	103362
9/19/18 4:30 PM	0	43	574	103362
9/19/18 5:00 PM	0	43	574	103362
9/19/18 5:30 PM	0	43	574	103362
9/19/18 6:00 PM	0	43	574	103362
9/19/18 6:30 PM	0	43	574	103362
9/19/18 7:00 PM	0	43	574	103362
9/19/18 7:30 PM	0	43	574	103362
9/19/18 8:00 PM	0	43	574	103362
9/19/18 8:30 PM	0	43	574	103362
9/19/18 9:00 PM	0	43	574	103362
9/19/18 9:30 PM	0	43	574	103362
9/19/18 10:00 PM	0	43	574	103362
9/19/18 10:30 PM	0	43	574	103362
9/19/18 11:00 PM	0	43	574	103362
9/19/18 11:30 PM	0	43	574	103362
9/20/18 12:00 AM	0	43	574	103362
9/20/18 12:30 AM	0	43	574	103362
9/20/18 1:00 AM	0	43	574	103362
9/20/18 1:30 AM	0	43	574	103362
9/20/18 2:00 AM	0	43	574	103362
9/20/18 2:30 AM	0	43	574	103362
9/20/18 3:00 AM	0	43	574	103362
9/20/18 3:30 AM	0	43	574	103362
9/20/18 4:00 AM	0	43	574	103362
9/20/18 4:30 AM	0	43	574	103362
9/20/18 5:00 AM	0	43	574	103362
9/20/18 5:30 AM	0	43	574	103362
9/20/18 6:00 AM	0	43	574	103362
9/20/18 6:30 AM	0	43	574	103362
9/20/18 7:00 AM	0	43	574	103362
9/20/18 7:30 AM	0	43	573	103362
9/20/18 8:00 AM	0	43	574	103362
9/20/18 8:30 AM	0	43	574	103362
9/20/18 9:00 AM	0	43	574	103362
9/20/18 9:30 AM	0	43	574	103362
9/20/18 10:00 AM	0	43	574	103362
9/20/18 10:30 AM	0	43	573	103362
9/20/18 11:00 AM	0	43	573	103362
9/20/18 11:30 AM	0	43	573	103362
9/20/18 12:00 PM	0	43	573	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/20/18 12:30 PM	0	43	573	103362
9/20/18 1:00 PM	0	44	573	103362
9/20/18 1:30 PM	0	44	573	103362
9/20/18 2:00 PM	0	44	573	103362
9/20/18 2:30 PM	0	44	573	103362
9/20/18 3:00 PM	0	44	573	103362
9/20/18 3:30 PM	0	44	573	103362
9/20/18 4:00 PM	0	44	573	103362
9/20/18 4:30 PM	0	44	573	103362
9/20/18 5:00 PM	0	44	573	103362
9/20/18 5:30 PM	0	44	573	103362
9/20/18 6:00 PM	0	44	573	103362
9/20/18 6:30 PM	0	44	573	103362
9/20/18 7:00 PM	0	44	573	103362
9/20/18 7:30 PM	0	44	573	103362
9/20/18 8:00 PM	0	44	573	103362
9/20/18 8:30 PM	0	44	573	103362
9/20/18 9:00 PM	0	44	573	103362
9/20/18 9:30 PM	0	44	573	103362
9/20/18 10:00 PM	0	44	573	103362
9/20/18 10:30 PM	0	44	573	103362
9/20/18 11:00 PM	0	44	573	103362
9/20/18 11:30 PM	0	44	573	103362
9/21/18 12:00 AM	0	44	573	103362
9/21/18 12:30 AM	0	44	573	103362
9/21/18 1:00 AM	0	44	573	103362
9/21/18 1:30 AM	0	44	573	103362
9/21/18 2:00 AM	0	44	572	103362
9/21/18 2:30 AM	0	44	573	103362
9/21/18 3:00 AM	0	44	573	103362
9/21/18 3:30 AM	0	44	572	103362
9/21/18 4:00 AM	0	44	572	103362
9/21/18 4:30 AM	0	44	572	103362
9/21/18 5:00 AM	0	44	572	103362
9/21/18 5:30 AM	0	44	572	103362
9/21/18 6:00 AM	0	44	572	103362
9/21/18 6:30 AM	0	44	572	103362
9/21/18 7:00 AM	0	44	572	103362
9/21/18 7:30 AM	0	44	572	103362
9/21/18 8:00 AM	0	44	572	103362
9/21/18 8:30 AM	0	44	573	103362
9/21/18 9:00 AM	0	44	572	103362
9/21/18 9:30 AM	0	44	572	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/21/18 10:00 AM	0	44	572	103362
9/21/18 10:30 AM	0	44	572	103362
9/21/18 11:00 AM	0	44	572	103362
9/21/18 11:30 AM	0	44	572	103362
9/21/18 12:00 PM	0	44	572	103362
9/21/18 12:30 PM	0	44	572	103362
9/21/18 1:00 PM	0	44	572	103362
9/21/18 1:30 PM	0	44	572	103362
9/21/18 2:00 PM	0	44	572	103362
9/21/18 2:30 PM	0	44	571	103362
9/21/18 3:00 PM	0	45	572	103362
9/21/18 3:30 PM	0	45	571	103362
9/21/18 4:00 PM	0	45	571	103362
9/21/18 4:30 PM	0	45	572	103362
9/21/18 5:00 PM	0	45	572	103362
9/21/18 5:30 PM	0	45	572	103362
9/21/18 6:00 PM	0	45	571	103362
9/21/18 6:30 PM	0	45	571	103362
9/21/18 7:00 PM	0	45	571	103362
9/21/18 7:30 PM	0	45	571	103362
9/21/18 8:00 PM	0	45	571	103362
9/21/18 8:30 PM	0	45	571	103362
9/21/18 9:00 PM	0	45	572	103362
9/21/18 9:30 PM	0	45	572	103362
9/21/18 10:00 PM	0	45	572	103362
9/21/18 10:30 PM	0	45	572	103362
9/21/18 11:00 PM	0	45	571	103362
9/21/18 11:30 PM	0	45	571	103362
9/22/18 12:00 AM	0	45	571	103362
9/22/18 12:30 AM	0	45	571	103362
9/22/18 1:00 AM	0	45	571	103362
9/22/18 1:30 AM	0	45	571	103362
9/22/18 2:00 AM	0	45	571	103362
9/22/18 2:30 AM	0	45	571	103362
9/22/18 3:00 AM	0	45	571	103362
9/22/18 3:30 AM	0	45	571	103362
9/22/18 4:00 AM	0	45	571	103362
9/22/18 4:30 AM	0	45	571	103362
9/22/18 5:00 AM	0	45	571	103362
9/22/18 5:30 AM	0	45	571	103362
9/22/18 6:00 AM	0	45	571	103362
9/22/18 6:30 AM	0	45	571	103362
9/22/18 7:00 AM	0	45	571	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/22/18 7:30 AM	0	45	571	103362
9/22/18 8:00 AM	0	45	571	103362
9/22/18 8:30 AM	0	45	571	103362
9/22/18 9:00 AM	0	45	571	103362
9/22/18 9:30 AM	0	45	571	103362
9/22/18 10:00 AM	0	45	571	103362
9/22/18 10:30 AM	0	45	571	103362
9/22/18 11:00 AM	0	45	571	103362
9/22/18 11:30 AM	0	45	571	103362
9/22/18 12:00 PM	0	45	571	103362
9/22/18 12:30 PM	0	45	571	103362
9/22/18 1:00 PM	0	45	571	103362
9/22/18 1:30 PM	0	45	570	103362
9/22/18 2:00 PM	0	45	571	103362
9/22/18 2:30 PM	0	45	570	103362
9/22/18 3:00 PM	0	45	570	103362
9/22/18 3:30 PM	0	46	570	103362
9/22/18 4:00 PM	0	46	570	103362
9/22/18 4:30 PM	0	46	570	103362
9/22/18 5:00 PM	0	46	570	103362
9/22/18 5:30 PM	0	46	570	103362
9/22/18 6:00 PM	0	46	570	103362
9/22/18 6:30 PM	0	46	570	103362
9/22/18 7:00 PM	0	46	570	103362
9/22/18 7:30 PM	0	46	570	103362
9/22/18 8:00 PM	0	46	570	103362
9/22/18 8:30 PM	0	46	570	103362
9/22/18 9:00 PM	0	46	570	103362
9/22/18 9:30 PM	0	46	570	103362
9/22/18 10:00 PM	0	46	570	103362
9/22/18 10:30 PM	0	46	570	103362
9/22/18 11:00 PM	0	46	570	103362
9/22/18 11:30 PM	0	46	570	103362
9/23/18 12:00 AM	0	45	570	103362
9/23/18 12:30 AM	0	45	570	103362
9/23/18 1:00 AM	0	45	570	103362
9/23/18 1:30 AM	0	45	570	103362
9/23/18 2:00 AM	0	45	570	103362
9/23/18 2:30 AM	0	45	570	103362
9/23/18 3:00 AM	0	45	570	103362
9/23/18 3:30 AM	0	45	570	103362
9/23/18 4:00 AM	0	45	570	103362
9/23/18 4:30 AM	0	45	570	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/23/18 5:00 AM	0	45	570	103362
9/23/18 5:30 AM	0	45	570	103362
9/23/18 6:00 AM	0	45	570	103362
9/23/18 6:30 AM	0	45	570	103362
9/23/18 7:00 AM	0	45	570	103362
9/23/18 7:30 AM	0	45	570	103362
9/23/18 8:00 AM	0	45	570	103362
9/23/18 8:30 AM	0	45	570	103362
9/23/18 9:00 AM	0	45	570	103362
9/23/18 9:30 AM	0	45	570	103362
9/23/18 10:00 AM	0	45	570	103362
9/23/18 10:30 AM	0	45	570	103362
9/23/18 11:00 AM	0	45	570	103362
9/23/18 11:30 AM	0	46	570	103362
9/23/18 12:00 PM	0	46	570	103362
9/23/18 12:30 PM	0	46	570	103362
9/23/18 1:00 PM	0	46	570	103362
9/23/18 1:30 PM	0	46	569	103362
9/23/18 2:00 PM	0	46	569	103362
9/23/18 2:30 PM	0	46	569	103362
9/23/18 3:00 PM	0	46	569	103362
9/23/18 3:30 PM	0	46	569	103362
9/23/18 4:00 PM	0	46	569	103362
9/23/18 4:30 PM	0	46	569	103362
9/23/18 5:00 PM	0	46	569	103362
9/23/18 5:30 PM	0	46	569	103362
9/23/18 6:00 PM	0	46	569	103362
9/23/18 6:30 PM	0	46	569	103362
9/23/18 7:00 PM	0	46	569	103362
9/23/18 7:30 PM	0	46	569	103362
9/23/18 8:00 PM	0	46	569	103362
9/23/18 8:30 PM	0	46	569	103362
9/23/18 9:00 PM	0	46	569	103362
9/23/18 9:30 PM	0	46	569	103362
9/23/18 10:00 PM	0	46	569	103362
9/23/18 10:30 PM	0	46	569	103362
9/23/18 11:00 PM	0	46	569	103362
9/23/18 11:30 PM	0	46	569	103362
9/24/18 12:00 AM	0	46	569	103362
9/24/18 12:30 AM	0	46	569	103362
9/24/18 1:00 AM	0	46	569	103362
9/24/18 1:30 AM	0	46	569	103362
9/24/18 2:00 AM	0	46	569	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/24/18 2:30 AM	0	46	569	103362
9/24/18 3:00 AM	0	46	569	103362
9/24/18 3:30 AM	0	46	569	103362
9/24/18 4:00 AM	0	46	569	103362
9/24/18 4:30 AM	0	46	569	103362
9/24/18 5:00 AM	0	46	569	103362
9/24/18 5:30 AM	0	46	569	103362
9/24/18 6:00 AM	0	46	569	103362
9/24/18 6:30 AM	0	46	569	103362
9/24/18 7:00 AM	0	46	569	103362
9/24/18 7:30 AM	0	46	569	103362
9/24/18 8:00 AM	0	46	569	103362
9/24/18 8:30 AM	0	46	569	103362
9/24/18 9:00 AM	0	46	569	103362
9/24/18 9:30 AM	0	46	569	103362
9/24/18 10:00 AM	0	46	569	103362
9/24/18 10:30 AM	0	46	569	103362
9/24/18 11:00 AM	0	46	569	103362
9/24/18 11:30 AM	0	46	569	103362
9/24/18 12:00 PM	0	46	569	103362
9/24/18 12:30 PM	0	46	568	103362
9/24/18 1:00 PM	0	46	568	103362
9/24/18 1:30 PM	0	46	568	103362
9/24/18 2:00 PM	0	47	569	103362
9/24/18 2:30 PM	0	46	568	103362
9/24/18 3:00 PM	0	47	568	103362
9/24/18 3:30 PM	0	47	568	103362
9/24/18 4:00 PM	0	47	568	103362
9/24/18 4:30 PM	0	47	568	103362
9/24/18 5:00 PM	0	47	568	103362
9/24/18 5:30 PM	0	47	568	103362
9/24/18 6:00 PM	0	47	568	103362
9/24/18 6:30 PM	0	47	568	103362
9/24/18 7:00 PM	0	47	568	103362
9/24/18 7:30 PM	0	47	568	103362
9/24/18 8:00 PM	0	47	568	103362
9/24/18 8:30 PM	0	47	568	103362
9/24/18 9:00 PM	0	47	568	103362
9/24/18 9:30 PM	0	47	568	103362
9/24/18 10:00 PM	0	47	568	103362
9/24/18 10:30 PM	0	47	568	103362
9/24/18 11:00 PM	0	47	568	103362
9/24/18 11:30 PM	0	47	568	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/25/18 12:00 AM	0	47	568	103362
9/25/18 12:30 AM	0	47	568	103362
9/25/18 1:00 AM	0	47	568	103362
9/25/18 1:30 AM	0	47	568	103362
9/25/18 2:00 AM	0	47	568	103362
9/25/18 2:30 AM	0	47	568	103362
9/25/18 3:00 AM	0	47	568	103362
9/25/18 3:30 AM	0	47	568	103362
9/25/18 4:00 AM	0	46	568	103362
9/25/18 4:30 AM	0	46	568	103362
9/25/18 5:00 AM	0	46	568	103362
9/25/18 5:30 AM	0	46	568	103362
9/25/18 6:00 AM	0	46	568	103362
9/25/18 6:30 AM	0	46	568	103362
9/25/18 7:00 AM	0	46	568	103362
9/25/18 7:30 AM	0	46	568	103362
9/25/18 8:00 AM	0	46	568	103362
9/25/18 8:30 AM	0	46	568	103362
9/25/18 9:00 AM	0	46	568	103362
9/25/18 9:30 AM	0	46	568	103362
9/25/18 10:00 AM	0	46	568	103362
9/25/18 10:30 AM	0	46	568	103362
9/25/18 11:00 AM	0	47	568	103362
9/25/18 11:30 AM	0	47	568	103362
9/25/18 12:00 PM	0	47	568	103362
9/25/18 12:30 PM	0	47	568	103362
9/25/18 1:00 PM	0	47	567	103362
9/25/18 1:30 PM	0	47	567	103362
9/25/18 2:00 PM	0	47	567	103362
9/25/18 2:30 PM	0	47	567	103362
9/25/18 3:00 PM	0	47	567	103362
9/25/18 3:30 PM	0	47	567	103362
9/25/18 4:00 PM	0	47	567	103362
9/25/18 4:30 PM	0	47	567	103362
9/25/18 5:00 PM	0	47	567	103362
9/25/18 5:30 PM	0	47	567	103362
9/25/18 6:00 PM	0	47	567	103362
9/25/18 6:30 PM	0	47	567	103362
9/25/18 7:00 PM	0	47	567	103362
9/25/18 7:30 PM	0	47	567	103362
9/25/18 8:00 PM	0	47	567	103362
9/25/18 8:30 PM	0	47	567	103362
9/25/18 9:00 PM	0	47	567	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/25/18 9:30 PM	0	47	567	103362
9/25/18 10:00 PM	0	47	567	103362
9/25/18 10:30 PM	0	47	567	103362
9/25/18 11:00 PM	0	47	567	103362
9/25/18 11:30 PM	0	47	567	103362
9/26/18 12:00 AM	0	47	567	103362
9/26/18 12:30 AM	0	47	567	103362
9/26/18 1:00 AM	0	47	567	103362
9/26/18 1:30 AM	0	47	567	103362
9/26/18 2:00 AM	0	47	567	103362
9/26/18 2:30 AM	0	47	567	103362
9/26/18 3:00 AM	0	47	567	103362
9/26/18 3:30 AM	0	47	567	103362
9/26/18 4:00 AM	0	47	567	103362
9/26/18 4:30 AM	0	47	567	103362
9/26/18 5:00 AM	0	47	567	103362
9/26/18 5:30 AM	0	47	567	103362
9/26/18 6:00 AM	0	47	567	103362
9/26/18 6:30 AM	0	47	567	103362
9/26/18 7:00 AM	0	47	567	103362
9/26/18 7:30 AM	0	47	567	103362
9/26/18 8:00 AM	0	47	567	103362
9/26/18 8:30 AM	0	47	567	103362
9/26/18 9:00 AM	0	47	567	103362
9/26/18 9:30 AM	0	47	567	103362
9/26/18 10:00 AM	0	47	567	103362
9/26/18 10:30 AM	0	47	567	103362
9/26/18 11:00 AM	0	47	567	103362
9/26/18 11:30 AM	0	47	567	103362
9/26/18 12:00 PM	0	47	566	103362
9/26/18 12:30 PM	0	47	566	103362
9/26/18 1:00 PM	0	47	566	103362
9/26/18 1:30 PM	0	47	566	103362
9/26/18 2:00 PM	0	47	566	103362
9/26/18 2:30 PM	0	48	566	103362
9/26/18 3:00 PM	0	48	566	103362
9/26/18 3:30 PM	0	48	566	103362
9/26/18 4:00 PM	0	48	566	103362
9/26/18 4:30 PM	0	48	566	103362
9/26/18 5:00 PM	0	48	566	103362
9/26/18 5:30 PM	0	48	566	103362
9/26/18 6:00 PM	0	48	566	103362
9/26/18 6:30 PM	0	48	566	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/26/18 7:00 PM	0	48	566	103362
9/26/18 7:30 PM	0	48	566	103362
9/26/18 8:00 PM	0	48	566	103362
9/26/18 8:30 PM	0	48	566	103362
9/26/18 9:00 PM	0	48	566	103362
9/26/18 9:30 PM	0	48	566	103362
9/26/18 10:00 PM	0	48	566	103362
9/26/18 10:30 PM	0	48	566	103362
9/26/18 11:00 PM	0	48	566	103362
9/26/18 11:30 PM	0	47	566	103362
9/27/18 12:00 AM	0	47	566	103362
9/27/18 12:30 AM	0	47	566	103362
9/27/18 1:00 AM	0	47	566	103362
9/27/18 1:30 AM	0	47	566	103362
9/27/18 2:00 AM	0	47	566	103362
9/27/18 2:30 AM	0	47	566	103362
9/27/18 3:00 AM	0	47	566	103362
9/27/18 3:30 AM	0	47	566	103362
9/27/18 4:00 AM	0	47	566	103362
9/27/18 4:30 AM	0	47	566	103362
9/27/18 5:00 AM	0	47	566	103362
9/27/18 5:30 AM	0	47	566	103362
9/27/18 6:00 AM	0	47	566	103362
9/27/18 6:30 AM	0	47	566	103362
9/27/18 7:00 AM	0	47	566	103362
9/27/18 7:30 AM	0	47	566	103362
9/27/18 8:00 AM	0	47	566	103362
9/27/18 8:30 AM	0	47	566	103362
9/27/18 9:00 AM	0	47	566	103362
9/27/18 9:30 AM	0	47	566	103362
9/27/18 10:00 AM	0	47	566	103362
9/27/18 10:30 AM	0	47	566	103362
9/27/18 11:00 AM	0	47	566	103362
9/27/18 11:30 AM	0	47	566	103362
9/27/18 12:00 PM	0	47	566	103362
9/27/18 12:30 PM	0	47	565	103362
9/27/18 1:00 PM	0	47	565	103362
9/27/18 1:30 PM	0	47	565	103362
9/27/18 2:00 PM	0	48	565	103362
9/27/18 2:30 PM	0	48	565	103362
9/27/18 3:00 PM	0	48	565	103362
9/27/18 3:30 PM	0	48	565	103362
9/27/18 4:00 PM	0	48	565	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/27/18 4:30 PM	0	48	565	103362
9/27/18 5:00 PM	0	48	565	103362
9/27/18 5:30 PM	0	48	565	103362
9/27/18 6:00 PM	0	48	565	103362
9/27/18 6:30 PM	0	48	565	103362
9/27/18 7:00 PM	0	48	565	103362
9/27/18 7:30 PM	0	48	565	103362
9/27/18 8:00 PM	0	48	565	103362
9/27/18 8:30 PM	0	48	565	103362
9/27/18 9:00 PM	0	48	565	103362
9/27/18 9:30 PM	0	48	565	103362
9/27/18 10:00 PM	0	48	565	103362
9/27/18 10:30 PM	0	48	565	103362
9/27/18 11:00 PM	0	48	565	103362
9/27/18 11:30 PM	0	48	565	103362
9/28/18 12:00 AM	0	48	565	103362
9/28/18 12:30 AM	0	48	565	103362
9/28/18 1:00 AM	0	48	565	103362
9/28/18 1:30 AM	0	48	565	103362
9/28/18 2:00 AM	0	48	565	103362
9/28/18 2:30 AM	0	47	565	103362
9/28/18 3:00 AM	0	47	565	103362
9/28/18 3:30 AM	0	47	565	103362
9/28/18 4:00 AM	0	47	565	103362
9/28/18 4:30 AM	0	47	565	103362
9/28/18 5:00 AM	0	47	565	103362
9/28/18 5:30 AM	0	47	565	103362
9/28/18 6:00 AM	0	47	565	103362
9/28/18 6:30 AM	0	47	565	103362
9/28/18 7:00 AM	0	47	565	103362
9/28/18 7:30 AM	0	47	565	103362
9/28/18 8:00 AM	0	47	565	103362
9/28/18 8:30 AM	0	47	565	103362
9/28/18 9:00 AM	0	47	565	103362
9/28/18 9:30 AM	0	47	565	103362
9/28/18 10:00 AM	0	47	565	103362
9/28/18 10:30 AM	0	47	565	103362
9/28/18 11:00 AM	0	47	565	103362
9/28/18 11:30 AM	0	47	565	103362
9/28/18 12:00 PM	0	47	565	103362
9/28/18 12:30 PM	0	48	565	103362
9/28/18 1:00 PM	0	48	564	103362
9/28/18 1:30 PM	0	48	564	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/28/18 2:00 PM	0	48	564	103362
9/28/18 2:30 PM	0	48	564	103362
9/28/18 3:00 PM	0	48	564	103362
9/28/18 3:30 PM	0	48	564	103362
9/28/18 4:00 PM	0	48	564	103362
9/28/18 4:30 PM	0	48	564	103362
9/28/18 5:00 PM	0	48	564	103362
9/28/18 5:30 PM	0	48	564	103362
9/28/18 6:00 PM	0	48	564	103362
9/28/18 6:30 PM	0	48	564	103362
9/28/18 7:00 PM	0	48	564	103362
9/28/18 7:30 PM	0	48	564	103362
9/28/18 8:00 PM	0	48	564	103362
9/28/18 8:30 PM	0	48	564	103362
9/28/18 9:00 PM	0	48	564	103362
9/28/18 9:30 PM	0	48	564	103362
9/28/18 10:00 PM	0	48	564	103362
9/28/18 10:30 PM	0	48	564	103362
9/28/18 11:00 PM	0	48	564	103362
9/28/18 11:30 PM	0	48	564	103362
9/29/18 12:00 AM	0	48	564	103362
9/29/18 12:30 AM	0	48	564	103362
9/29/18 1:00 AM	0	48	564	103362
9/29/18 1:30 AM	0	48	564	103362
9/29/18 2:00 AM	0	48	564	103362
9/29/18 2:30 AM	0	48	564	103362
9/29/18 3:00 AM	0	48	564	103362
9/29/18 3:30 AM	0	48	564	103362
9/29/18 4:00 AM	0	47	564	103362
9/29/18 4:30 AM	0	47	564	103362
9/29/18 5:00 AM	0	47	564	103362
9/29/18 5:30 AM	0	47	564	103362
9/29/18 6:00 AM	0	47	564	103362
9/29/18 6:30 AM	0	47	564	103362
9/29/18 7:00 AM	0	47	564	103362
9/29/18 7:30 AM	0	47	564	103362
9/29/18 8:00 AM	0	47	564	103362
9/29/18 8:30 AM	0	47	564	103362
9/29/18 9:00 AM	0	47	564	103362
9/29/18 9:30 AM	0	47	564	103362
9/29/18 10:00 AM	0	47	564	103362
9/29/18 10:30 AM	0	48	564	103362
9/29/18 11:00 AM	0	48	564	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/29/18 11:30 AM	0	48	564	103362
9/29/18 12:00 PM	0	48	564	103362
9/29/18 12:30 PM	0	48	564	103362
9/29/18 1:00 PM	0	48	563	103362
9/29/18 1:30 PM	0	48	563	103362
9/29/18 2:00 PM	0	48	563	103362
9/29/18 2:30 PM	0	48	563	103362
9/29/18 3:00 PM	0	48	563	103362
9/29/18 3:30 PM	0	48	563	103362
9/29/18 4:00 PM	0	48	563	103362
9/29/18 4:30 PM	0	48	563	103362
9/29/18 5:00 PM	0	48	563	103362
9/29/18 5:30 PM	0	48	563	103362
9/29/18 6:00 PM	0	48	563	103362
9/29/18 6:30 PM	0	48	563	103362
9/29/18 7:00 PM	0	48	563	103362
9/29/18 7:30 PM	0	48	563	103362
9/29/18 8:00 PM	0	48	563	103362
9/29/18 8:30 PM	0	48	563	103362
9/29/18 9:00 PM	0	48	563	103362
9/29/18 9:30 PM	0	48	563	103362
9/29/18 10:00 PM	0	48	563	103362
9/29/18 10:30 PM	0	48	563	103362
9/29/18 11:00 PM	0	48	563	103362
9/29/18 11:30 PM	0	48	563	103362
9/30/18 12:00 AM	0	48	563	103362
9/30/18 12:30 AM	0	48	563	103362
9/30/18 1:00 AM	0	48	563	103362
9/30/18 1:30 AM	0	48	563	103362
9/30/18 2:00 AM	0	48	563	103362
9/30/18 2:30 AM	0	48	563	103362
9/30/18 3:00 AM	0	48	563	103362
9/30/18 3:30 AM	0	48	563	103362
9/30/18 4:00 AM	0	48	563	103362
9/30/18 4:30 AM	0	48	563	103362
9/30/18 5:00 AM	0	48	563	103362
9/30/18 5:30 AM	0	48	563	103362
9/30/18 6:00 AM	0	48	563	103362
9/30/18 6:30 AM	0	48	563	103362
9/30/18 7:00 AM	0	48	563	103362
9/30/18 7:30 AM	0	48	563	103362
9/30/18 8:00 AM	0	48	563	103362
9/30/18 8:30 AM	0	48	563	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/30/18 9:00 AM	0	48	563	103362
9/30/18 9:30 AM	0	48	563	103362
9/30/18 10:00 AM	0	48	563	103362
9/30/18 10:30 AM	0	48	563	103362
9/30/18 11:00 AM	0	48	563	103362
9/30/18 11:30 AM	0	48	563	103362
9/30/18 12:00 PM	0	48	563	103362
9/30/18 12:30 PM	0	48	563	103362
9/30/18 1:00 PM	0	48	563	103362
9/30/18 1:30 PM	0	48	563	103362
9/30/18 2:00 PM	0	48	562	103362
9/30/18 2:30 PM	0	48	562	103362
9/30/18 3:00 PM	0	49	563	103362
9/30/18 3:30 PM	0	49	563	103362
9/30/18 4:00 PM	0	49	562	103362
9/30/18 4:30 PM	0	49	563	103362
9/30/18 5:00 PM	0	49	562	103362
9/30/18 5:30 PM	0	49	562	103362
9/30/18 6:00 PM	0	49	562	103362
9/30/18 6:30 PM	0	49	563	103362
9/30/18 7:00 PM	0	49	563	103362
9/30/18 7:30 PM	0	49	563	103362
9/30/18 8:00 PM	0	49	563	103362
9/30/18 8:30 PM	0	49	563	103362
9/30/18 9:00 PM	0	49	563	103362
9/30/18 9:30 PM	0	49	563	103362
9/30/18 10:00 PM	0	49	563	103362
9/30/18 10:30 PM	0	49	563	103362
9/30/18 11:00 PM	0	49	563	103362
9/30/18 11:30 PM	0	49	563	103362
10/1/18 12:00 AM	0	49	563	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/1/19 12:00 AM	0	141	556	125797
10/1/19 12:30 AM	0	141	556	125797
10/1/19 1:00 AM	0	141	556	125797
10/1/19 1:30 AM	0	141	556	125797
10/1/19 2:00 AM	0	141	556	125797
10/1/19 2:30 AM	0	141	556	125797
10/1/19 3:00 AM	0	141	556	125797
10/1/19 3:30 AM	0	141	555	125797
10/1/19 4:00 AM	0	141	555	125797
10/1/19 4:30 AM	0	141	555	125797
10/1/19 5:00 AM	0	140	555	125797
10/1/19 5:30 AM	0	140	555	125797
10/1/19 6:00 AM	0	140	555	125797
10/1/19 6:30 AM	0	140	555	125797
10/1/19 7:00 AM	0	140	555	125797
10/1/19 7:30 AM	0	140	555	125797
10/1/19 8:00 AM	0	140	555	125797
10/1/19 8:30 AM	0	140	555	125797
10/1/19 9:00 AM	0	140	555	125797
10/1/19 9:30 AM	0	141	555	125797
10/1/19 10:00 AM	0	141	555	125797
10/1/19 10:30 AM	0	141	555	125797
10/1/19 11:00 AM	0	141	555	125797
10/1/19 11:30 AM	0	141	555	125797
10/1/19 12:00 PM	0	141	554	125797
10/1/19 12:30 PM	0	141	554	125797
10/1/19 1:00 PM	0	142	554	125797
10/1/19 1:30 PM	0	142	554	125797
10/1/19 2:00 PM	0	142	554	125797
10/1/19 2:30 PM	0	142	554	125797
10/1/19 3:00 PM	0	142	554	125797
10/1/19 3:30 PM	0	142	554	125797
10/1/19 4:00 PM	0	143	554	125797
10/1/19 4:30 PM	0	143	554	125797
10/1/19 5:00 PM	0	143	554	125797
10/1/19 5:30 PM	0	143	554	125797
10/1/19 6:00 PM	0	143	554	125797
10/1/19 6:30 PM	0	143	553	125797
10/1/19 7:00 PM	0	143	553	125797
10/1/19 7:30 PM	0	143	553	125797
10/1/19 8:00 PM	0	143	554	125797
10/1/19 8:30 PM	0	143	553	125797
10/1/19 9:00 PM	0	143	553	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/1/19 9:30 PM	0	143	553	125797
10/1/19 10:00 PM	0	143	553	125797
10/1/19 10:30 PM	0	143	553	125797
10/1/19 11:00 PM	0	143	553	125797
10/1/19 11:30 PM	0	143	553	125797
10/2/19 12:00 AM	0	143	553	125797
10/2/19 12:30 AM	0	143	553	125797
10/2/19 1:00 AM	0	143	553	125797
10/2/19 1:30 AM	0	143	553	125797
10/2/19 2:00 AM	0	143	553	125797
10/2/19 2:30 AM	0	143	553	125797
10/2/19 3:00 AM	0	143	553	125797
10/2/19 3:30 AM	0	143	553	125797
10/2/19 4:00 AM	0	143	553	125797
10/2/19 4:30 AM	0	143	552	125797
10/2/19 5:00 AM	0	143	552	125797
10/2/19 5:30 AM	0	143	552	125797
10/2/19 6:00 AM	0	143	552	125797
10/2/19 6:30 AM	0	143	552	125797
10/2/19 7:00 AM	0	143	552	125797
10/2/19 7:30 AM	0	143	552	125797
10/2/19 8:00 AM	0	143	553	125797
10/2/19 8:30 AM	0	143	553	125797
10/2/19 9:00 AM	0	143	553	125797
10/2/19 9:30 AM	0	143	552	125797
10/2/19 10:00 AM	0	143	552	125797
10/2/19 10:30 AM	0	143	552	125797
10/2/19 11:00 AM	0	143	552	125797
10/2/19 11:30 AM	0	144	552	125797
10/2/19 12:00 PM	0	144	552	125797
10/2/19 12:30 PM	0	144	552	125797
10/2/19 1:00 PM	0	144	552	125797
10/2/19 1:30 PM	0	144	552	125797
10/2/19 2:00 PM	0	144	552	125797
10/2/19 2:30 PM	0	144	551	125797
10/2/19 3:00 PM	0	145	551	125797
10/2/19 3:30 PM	0	145	551	125797
10/2/19 4:00 PM	0	145	551	125797
10/2/19 4:30 PM	0	145	551	125797
10/2/19 5:00 PM	0	145	551	125797
10/2/19 5:30 PM	0	145	551	125797
10/2/19 6:00 PM	0	145	551	125797
10/2/19 6:30 PM	0	145	551	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/2/19 7:00 PM	0	146	551	125797
10/2/19 7:30 PM	0	146	551	125797
10/2/19 8:00 PM	0	146	551	125797
10/2/19 8:30 PM	0	146	551	125797
10/2/19 9:00 PM	0	145	551	125797
10/2/19 9:30 PM	0	145	551	125797
10/2/19 10:00 PM	0	145	551	125797
10/2/19 10:30 PM	0	145	551	125797
10/2/19 11:00 PM	0	145	551	125797
10/2/19 11:30 PM	0	145	551	125797
10/3/19 12:00 AM	0	145	551	125797
10/3/19 12:30 AM	0	145	551	125797
10/3/19 1:00 AM	0	145	551	125797
10/3/19 1:30 AM	0	145	550	125797
10/3/19 2:00 AM	0	145	550	125797
10/3/19 2:30 AM	0	145	550	125797
10/3/19 3:00 AM	0	145	550	125797
10/3/19 3:30 AM	0	145	550	125797
10/3/19 4:00 AM	0	145	550	125797
10/3/19 4:30 AM	0	145	550	125797
10/3/19 5:00 AM	0	145	550	125797
10/3/19 5:30 AM	0	145	550	125797
10/3/19 6:00 AM	0	145	550	125797
10/3/19 6:30 AM	0	145	550	125797
10/3/19 7:00 AM	0	145	550	125797
10/3/19 7:30 AM	0	145	550	125797
10/3/19 8:00 AM	0	145	550	125797
10/3/19 8:30 AM	0	145	550	125797
10/3/19 9:00 AM	0	145	550	125797
10/3/19 9:30 AM	0	145	550	125797
10/3/19 10:00 AM	0	145	550	125797
10/3/19 10:30 AM	0	145	550	125797
10/3/19 11:00 AM	0	145	550	125797
10/3/19 11:30 AM	0	145	550	125797
10/3/19 12:00 PM	0	146	550	125797
10/3/19 12:30 PM	0	146	549	125797
10/3/19 1:00 PM	0	146	549	125797
10/3/19 1:30 PM	0	146	549	125797
10/3/19 2:00 PM	0	146	549	125797
10/3/19 2:30 PM	0	146	549	125797
10/3/19 3:00 PM	0	147	549	125797
10/3/19 3:30 PM	0	147	549	125797
10/3/19 4:00 PM	0	147	549	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/3/19 4:30 PM	0	147	549	125797
10/3/19 5:00 PM	0	147	549	125797
10/3/19 5:30 PM	0	147	549	125797
10/3/19 6:00 PM	0	147	549	125797
10/3/19 6:30 PM	0	148	549	125797
10/3/19 7:00 PM	0	148	548	125797
10/3/19 7:30 PM	0	148	549	125797
10/3/19 8:00 PM	0	148	549	125797
10/3/19 8:30 PM	0	148	549	125797
10/3/19 9:00 PM	0	148	549	125797
10/3/19 9:30 PM	0	148	549	125797
10/3/19 10:00 PM	0	148	549	125797
10/3/19 10:30 PM	0	148	549	125797
10/3/19 11:00 PM	0	148	549	125797
10/3/19 11:30 PM	0	148	549	125797
10/4/19 12:00 AM	0	148	548	125797
10/4/19 12:30 AM	0	148	548	125797
10/4/19 1:00 AM	0	148	548	125797
10/4/19 1:30 AM	0	148	548	125797
10/4/19 2:00 AM	0	148	548	125797
10/4/19 2:30 AM	0	148	548	125797
10/4/19 3:00 AM	0	148	548	125797
10/4/19 3:30 AM	0	148	548	125797
10/4/19 4:00 AM	0	148	548	125797
10/4/19 4:30 AM	0	148	548	125797
10/4/19 5:00 AM	0	148	548	125797
10/4/19 5:30 AM	0	148	548	125797
10/4/19 6:00 AM	0	148	548	125797
10/4/19 6:30 AM	0	148	548	125797
10/4/19 7:00 AM	0	148	548	125797
10/4/19 7:30 AM	0	148	548	125797
10/4/19 8:00 AM	0	148	548	125797
10/4/19 8:30 AM	0	148	548	125797
10/4/19 9:00 AM	0	148	548	125797
10/4/19 9:30 AM	0	148	548	125797
10/4/19 10:00 AM	0	148	548	125797
10/4/19 10:30 AM	0	148	548	125797
10/4/19 11:00 AM	0	148	548	125797
10/4/19 11:30 AM	0	148	547	125797
10/4/19 12:00 PM	0	148	547	125797
10/4/19 12:30 PM	0	148	547	125797
10/4/19 1:00 PM	0	148	547	125797
10/4/19 1:30 PM	0	149	547	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/4/19 2:00 PM	0	149	547	125797
10/4/19 2:30 PM	0	149	547	125797
10/4/19 3:00 PM	0	149	547	125797
10/4/19 3:30 PM	0	149	547	125797
10/4/19 4:00 PM	0	149	547	125797
10/4/19 4:30 PM	0	149	547	125797
10/4/19 5:00 PM	0	149	547	125797
10/4/19 5:30 PM	0	149	547	125797
10/4/19 6:00 PM	0	150	547	125797
10/4/19 6:30 PM	0	150	546	125797
10/4/19 7:00 PM	0	150	546	125797
10/4/19 7:30 PM	0	150	546	125797
10/4/19 8:00 PM	0	150	546	125797
10/4/19 8:30 PM	0	150	547	125797
10/4/19 9:00 PM	0	150	547	125797
10/4/19 9:30 PM	0	150	547	125797
10/4/19 10:00 PM	0	150	546	125797
10/4/19 10:30 PM	0	150	546	125797
10/4/19 11:00 PM	0	149	546	125797
10/4/19 11:30 PM	0	149	546	125797
10/5/19 12:00 AM	0	149	546	125797
10/5/19 12:30 AM	0	149	546	125797
10/5/19 1:00 AM	0	149	546	125797
10/5/19 1:30 AM	0	149	546	125797
10/5/19 2:00 AM	0	149	546	125797
10/5/19 2:30 AM	0	149	546	125797
10/5/19 3:00 AM	0	149	546	125797
10/5/19 3:30 AM	0	149	546	125797
10/5/19 4:00 AM	0	149	546	125797
10/5/19 4:30 AM	0	149	546	125797
10/5/19 5:00 AM	0	149	546	125797
10/5/19 5:30 AM	0	149	546	125797
10/5/19 6:00 AM	0	149	546	125797
10/5/19 6:30 AM	0	149	546	125797
10/5/19 7:00 AM	0	149	545	125797
10/5/19 7:30 AM	0	149	545	125797
10/5/19 8:00 AM	0	149	546	125797
10/5/19 8:30 AM	0	148	546	125797
10/5/19 9:00 AM	0	149	546	125797
10/5/19 9:30 AM	0	149	546	125797
10/5/19 10:00 AM	0	149	546	125797
10/5/19 10:30 AM	0	149	546	125797
10/5/19 11:00 AM	0	149	545	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/5/19 11:30 AM	0	149	545	125797
10/5/19 12:00 PM	0	149	545	125797
10/5/19 12:30 PM	0	150	545	125797
10/5/19 1:00 PM	0	150	545	125797
10/5/19 1:30 PM	0	150	545	125797
10/5/19 2:00 PM	0	150	545	125797
10/5/19 2:30 PM	0	150	545	125797
10/5/19 3:00 PM	0	150	545	125797
10/5/19 3:30 PM	0	150	545	125797
10/5/19 4:00 PM	0	150	545	125797
10/5/19 4:30 PM	0	151	545	125797
10/5/19 5:00 PM	0	151	545	125797
10/5/19 5:30 PM	0	151	545	125797
10/5/19 6:00 PM	0	151	545	125797
10/5/19 6:30 PM	0	151	544	125797
10/5/19 7:00 PM	0	151	544	125797
10/5/19 7:30 PM	0	151	544	125797
10/5/19 8:00 PM	0	151	545	125797
10/5/19 8:30 PM	0	151	545	125797
10/5/19 9:00 PM	0	151	545	125797
10/5/19 9:30 PM	0	151	544	125797
10/5/19 10:00 PM	0	151	545	125797
10/5/19 10:30 PM	0	151	545	125797
10/5/19 11:00 PM	0	150	544	125797
10/5/19 11:30 PM	0	150	544	125797
10/6/19 12:00 AM	0	150	544	125797
10/6/19 12:30 AM	0	150	544	125797
10/6/19 1:00 AM	0	150	544	125797
10/6/19 1:30 AM	0	150	544	125797
10/6/19 2:00 AM	0	150	544	125797
10/6/19 2:30 AM	0	150	544	125797
10/6/19 3:00 AM	0	150	544	125797
10/6/19 3:30 AM	0	150	544	125797
10/6/19 4:00 AM	0	150	544	125797
10/6/19 4:30 AM	0	150	544	125797
10/6/19 5:00 AM	0	150	543	125797
10/6/19 5:30 AM	0	150	543	125797
10/6/19 6:00 AM	0	150	543	125797
10/6/19 6:30 AM	0	149	543	125797
10/6/19 7:00 AM	0	149	543	125797
10/6/19 7:30 AM	0	149	543	125797
10/6/19 8:00 AM	0	149	544	125797
10/6/19 8:30 AM	0	149	544	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/6/19 9:00 AM	0	149	544	125797
10/6/19 9:30 AM	0	150	544	125797
10/6/19 10:00 AM	0	150	544	125797
10/6/19 10:30 AM	0	150	544	125797
10/6/19 11:00 AM	0	150	544	125797
10/6/19 11:30 AM	0	150	543	125797
10/6/19 12:00 PM	0	150	543	125797
10/6/19 12:30 PM	0	151	543	125797
10/6/19 1:00 PM	0	151	543	125797
10/6/19 1:30 PM	0	151	543	125797
10/6/19 2:00 PM	0	151	543	125797
10/6/19 2:30 PM	0	151	543	125797
10/6/19 3:00 PM	0	151	543	125797
10/6/19 3:30 PM	0	151	543	125797
10/6/19 4:00 PM	0	152	543	125797
10/6/19 4:30 PM	0	152	543	125797
10/6/19 5:00 PM	0	152	543	125797
10/6/19 5:30 PM	0	152	543	125797
10/6/19 6:00 PM	0	152	543	125797
10/6/19 6:30 PM	0	152	543	125797
10/6/19 7:00 PM	0	152	542	125797
10/6/19 7:30 PM	0	152	543	125797
10/6/19 8:00 PM	0	152	543	125797
10/6/19 8:30 PM	0	152	543	125797
10/6/19 9:00 PM	0	152	543	125797
10/6/19 9:30 PM	0	152	543	125797
10/6/19 10:00 PM	0	152	543	125797
10/6/19 10:30 PM	0	152	543	125797
10/6/19 11:00 PM	0	152	543	125797
10/6/19 11:30 PM	0	152	542	125797
10/7/19 12:00 AM	0	152	542	125797
10/7/19 12:30 AM	0	151	542	125797
10/7/19 1:00 AM	0	151	542	125797
10/7/19 1:30 AM	0	151	542	125797
10/7/19 2:00 AM	0	151	542	125797
10/7/19 2:30 AM	0	151	542	125797
10/7/19 3:00 AM	0	151	542	125797
10/7/19 3:30 AM	0	151	542	125797
10/7/19 4:00 AM	0	151	542	125797
10/7/19 4:30 AM	0	151	542	125797
10/7/19 5:00 AM	0	151	542	125797
10/7/19 5:30 AM	0	151	542	125797
10/7/19 6:00 AM	0	151	542	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/7/19 6:30 AM	0	151	542	125797
10/7/19 7:00 AM	0	151	541	125797
10/7/19 7:30 AM	0	151	541	125797
10/7/19 8:00 AM	0	151	542	125797
10/7/19 8:30 AM	0	151	542	125797
10/7/19 9:00 AM	0	151	542	125797
10/7/19 9:30 AM	0	151	542	125797
10/7/19 10:00 AM	0	151	542	125797
10/7/19 10:30 AM	0	151	542	125797
10/7/19 11:00 AM	0	151	542	125797
10/7/19 11:30 AM	0	152	542	125797
10/7/19 12:00 PM	0	152	542	125797
10/7/19 12:30 PM	0	152	542	125797
10/7/19 1:00 PM	0	152	542	125797
10/7/19 1:30 PM	0	152	542	125797
10/7/19 2:00 PM	0	152	542	125797
10/7/19 2:30 PM	0	152	541	125797
10/7/19 3:00 PM	0	153	541	125797
10/7/19 3:30 PM	0	153	541	125797
10/7/19 4:00 PM	0	153	541	125797
10/7/19 4:30 PM	0	153	541	125797
10/7/19 5:00 PM	0	153	541	125797
10/7/19 5:30 PM	0	153	541	125797
10/7/19 6:00 PM	0	153	541	125797
10/7/19 6:30 PM	0	153	541	125797
10/7/19 7:00 PM	0	153	541	125797
10/7/19 7:30 PM	0	154	541	125797
10/7/19 8:00 PM	0	153	541	125797
10/7/19 8:30 PM	0	153	541	125797
10/7/19 9:00 PM	0	153	541	125797
10/7/19 9:30 PM	0	153	541	125797
10/7/19 10:00 PM	0	153	541	125797
10/7/19 10:30 PM	0	153	541	125797
10/7/19 11:00 PM	0	153	541	125797
10/7/19 11:30 PM	0	153	541	125797
10/8/19 12:00 AM	0	153	541	125797
10/8/19 12:30 AM	0	153	541	125797
10/8/19 1:00 AM	0	153	541	125797
10/8/19 1:30 AM	0	153	541	125797
10/8/19 2:00 AM	0	153	541	125797
10/8/19 2:30 AM	0	153	541	125797
10/8/19 3:00 AM	0	153	541	125797
10/8/19 3:30 AM	0	153	540	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/8/19 4:00 AM	0	153	540	125797
10/8/19 4:30 AM	0	153	540	125797
10/8/19 5:00 AM	0	153	540	125797
10/8/19 5:30 AM	0	152	540	125797
10/8/19 6:00 AM	0	152	540	125797
10/8/19 6:30 AM	0	152	540	125797
10/8/19 7:00 AM	0	152	540	125797
10/8/19 7:30 AM	0	152	541	125797
10/8/19 8:00 AM	0	152	541	125797
10/8/19 8:30 AM	0	152	541	125797
10/8/19 9:00 AM	0	152	541	125797
10/8/19 9:30 AM	0	152	541	125797
10/8/19 10:00 AM	0	153	541	125797
10/8/19 10:30 AM	0	153	540	125797
10/8/19 11:00 AM	0	153	540	125797
10/8/19 11:30 AM	0	153	540	125797
10/8/19 12:00 PM	0	153	540	125797
10/8/19 12:30 PM	0	153	540	125797
10/8/19 1:00 PM	0	154	540	125797
10/8/19 1:30 PM	0	154	540	125797
10/8/19 2:00 PM	0	154	540	125797
10/8/19 2:30 PM	0	154	540	125797
10/8/19 3:00 PM	0	154	540	125797
10/8/19 3:30 PM	0	154	540	125797
10/8/19 4:00 PM	0	155	540	125797
10/8/19 4:30 PM	0	155	540	125797
10/8/19 5:00 PM	0	155	540	125797
10/8/19 5:30 PM	0	155	540	125797
10/8/19 6:00 PM	0	155	540	125797
10/8/19 6:30 PM	0	155	539	125797
10/8/19 7:00 PM	0	155	539	125797
10/8/19 7:30 PM	0	155	539	125797
10/8/19 8:00 PM	0	155	540	125797
10/8/19 8:30 PM	0	155	540	125797
10/8/19 9:00 PM	0	155	540	125797
10/8/19 9:30 PM	0	155	540	125797
10/8/19 10:00 PM	0	155	540	125797
10/8/19 10:30 PM	0	155	540	125797
10/8/19 11:00 PM	0	155	540	125797
10/8/19 11:30 PM	0	155	539	125797
10/9/19 12:00 AM	0	155	539	125797
10/9/19 12:30 AM	0	154	539	125797
10/9/19 1:00 AM	0	154	539	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/9/19 1:30 AM	0	154	539	125797
10/9/19 2:00 AM	0	154	539	125797
10/9/19 2:30 AM	0	154	539	125797
10/9/19 3:00 AM	0	154	539	125797
10/9/19 3:30 AM	0	154	539	125797
10/9/19 4:00 AM	0	154	539	125797
10/9/19 4:30 AM	0	154	539	125797
10/9/19 5:00 AM	0	154	539	125797
10/9/19 5:30 AM	0	154	539	125797
10/9/19 6:00 AM	0	154	539	125797
10/9/19 6:30 AM	0	154	539	125797
10/9/19 7:00 AM	0	154	539	125797
10/9/19 7:30 AM	0	154	539	125797
10/9/19 8:00 AM	0	154	539	125797
10/9/19 8:30 AM	0	154	539	125797
10/9/19 9:00 AM	0	154	539	125797
10/9/19 9:30 AM	0	154	539	125797
10/9/19 10:00 AM	0	154	539	125797
10/9/19 10:30 AM	0	154	539	125797
10/9/19 11:00 AM	0	154	539	125797
10/9/19 11:30 AM	0	154	539	125797
10/9/19 12:00 PM	0	154	539	125797
10/9/19 12:30 PM	0	155	539	125797
10/9/19 1:00 PM	0	155	538	125797
10/9/19 1:30 PM	0	155	538	125797
10/9/19 2:00 PM	0	155	538	125797
10/9/19 2:30 PM	0	155	538	125797
10/9/19 3:00 PM	0	155	538	125797
10/9/19 3:30 PM	0	156	538	125797
10/9/19 4:00 PM	0	156	538	125797
10/9/19 4:30 PM	0	156	538	125797
10/9/19 5:00 PM	0	156	538	125797
10/9/19 5:30 PM	0	156	538	125797
10/9/19 6:00 PM	0	156	538	125797
10/9/19 6:30 PM	0	156	538	125797
10/9/19 7:00 PM	0	156	538	125797
10/9/19 7:30 PM	0	156	538	125797
10/9/19 8:00 PM	0	156	538	125797
10/9/19 8:30 PM	0	156	538	125797
10/9/19 9:00 PM	0	156	538	125797
10/9/19 9:30 PM	0	156	538	125797
10/9/19 10:00 PM	0	156	538	125797
10/9/19 10:30 PM	0	156	538	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/9/19 11:00 PM	0	156	538	125797
10/9/19 11:30 PM	0	156	538	125797
10/10/19 12:00 AM	0	156	538	125797
10/10/19 12:30 AM	0	156	538	125797
10/10/19 1:00 AM	0	156	538	125797
10/10/19 1:30 AM	0	156	538	125797
10/10/19 2:00 AM	0	156	538	125797
10/10/19 2:30 AM	0	156	538	125797
10/10/19 3:00 AM	0	156	538	125797
10/10/19 3:30 AM	0	156	538	125797
10/10/19 4:00 AM	0	156	538	125797
10/10/19 4:30 AM	0	156	538	125797
10/10/19 5:00 AM	0	156	538	125797
10/10/19 5:30 AM	0	155	538	125797
10/10/19 6:00 AM	0	155	538	125797
10/10/19 6:30 AM	0	155	537	125797
10/10/19 7:00 AM	0	155	537	125797
10/10/19 7:30 AM	0	155	537	125797
10/10/19 8:00 AM	0	155	538	125797
10/10/19 8:30 AM	0	155	538	125797
10/10/19 9:00 AM	0	155	538	125797
10/10/19 9:30 AM	0	155	538	125797
10/10/19 10:00 AM	0	155	537	125797
10/10/19 10:30 AM	0	155	537	125797
10/10/19 11:00 AM	0	155	537	125797
10/10/19 11:30 AM	0	156	537	125797
10/10/19 12:00 PM	0	156	537	125797
10/10/19 12:30 PM	0	156	537	125797
10/10/19 1:00 PM	0	156	537	125797
10/10/19 1:30 PM	0	156	537	125797
10/10/19 2:00 PM	0	156	537	125797
10/10/19 2:30 PM	0	156	537	125797
10/10/19 3:00 PM	0	156	537	125797
10/10/19 3:30 PM	0	156	537	125797
10/10/19 4:00 PM	0	156	537	125797
10/10/19 4:30 PM	0	156	537	125797
10/10/19 5:00 PM	0	156	537	125797
10/10/19 5:30 PM	0	156	537	125797
10/10/19 6:00 PM	0	156	537	125797
10/10/19 6:30 PM	0	156	536	125797
10/10/19 7:00 PM	0	156	536	125797
10/10/19 7:30 PM	0	156	537	125797
10/10/19 8:00 PM	0	156	537	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/10/19 8:30 PM	0	156	537	125797
10/10/19 9:00 PM	0	156	537	125797
10/10/19 9:30 PM	0	156	536	125797
10/10/19 10:00 PM	0	156	536	125797
10/10/19 10:30 PM	0	156	536	125797
10/10/19 11:00 PM	0	156	536	125797
10/10/19 11:30 PM	0	155	536	125797
10/11/19 12:00 AM	0	155	536	125797
10/11/19 12:30 AM	0	155	536	125797
10/11/19 1:00 AM	0	155	536	125797
10/11/19 1:30 AM	0	155	536	125797
10/11/19 2:00 AM	0	155	535	125797
10/11/19 2:30 AM	0	155	535	125797
10/11/19 3:00 AM	0	155	535	125797
10/11/19 3:30 AM	0	155	535	125797
10/11/19 4:00 AM	0	155	535	125797
10/11/19 4:30 AM	0	155	535	125797
10/11/19 5:00 AM	0	155	534	125797
10/11/19 5:30 AM	0	155	534	125797
10/11/19 6:00 AM	0	154	534	125797
10/11/19 6:30 AM	0	154	534	125797
10/11/19 7:00 AM	0	154	534	125797
10/11/19 7:30 AM	0	154	534	125797
10/11/19 8:00 AM	0	153	537	125797
10/11/19 8:30 AM	0	153	537	125797
10/11/19 9:00 AM	0	153	537	125797
10/11/19 9:30 AM	0	153	537	125797
10/11/19 10:00 AM	0	153	537	125797
10/11/19 10:30 AM	0	153	536	125797
10/11/19 11:00 AM	0	153	536	125797
10/11/19 11:30 AM	0	153	536	125797
10/11/19 12:00 PM	0	154	536	125797
10/11/19 12:30 PM	0	154	536	125797
10/11/19 1:00 PM	0	154	536	125797
10/11/19 1:30 PM	0	154	536	125797
10/11/19 2:00 PM	0	154	536	125797
10/11/19 2:30 PM	0	154	536	125797
10/11/19 3:00 PM	0	154	535	125797
10/11/19 3:30 PM	0	155	535	125797
10/11/19 4:00 PM	0	155	535	125797
10/11/19 4:30 PM	0	155	535	125797
10/11/19 5:00 PM	0	155	535	125797
10/11/19 5:30 PM	0	155	535	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/11/19 6:00 PM	0	155	535	125797
10/11/19 6:30 PM	0	155	535	125797
10/11/19 7:00 PM	0	155	535	125797
10/11/19 7:30 PM	0	155	535	125797
10/11/19 8:00 PM	0	155	535	125797
10/11/19 8:30 PM	0	155	535	125797
10/11/19 9:00 PM	0	155	535	125797
10/11/19 9:30 PM	0	155	535	125797
10/11/19 10:00 PM	0	155	535	125797
10/11/19 10:30 PM	0	155	535	125797
10/11/19 11:00 PM	0	155	535	125797
10/11/19 11:30 PM	0	154	535	125797
10/12/19 12:00 AM	0	154	535	125797
10/12/19 12:30 AM	0	154	534	125797
10/12/19 1:00 AM	0	154	534	125797
10/12/19 1:30 AM	0	154	534	125797
10/12/19 2:00 AM	0	154	534	125797
10/12/19 2:30 AM	0	154	534	125797
10/12/19 3:00 AM	0	154	534	125797
10/12/19 3:30 AM	0	154	533	125797
10/12/19 4:00 AM	0	154	533	125797
10/12/19 4:30 AM	0	154	533	125797
10/12/19 5:00 AM	0	153	533	125797
10/12/19 5:30 AM	0	153	533	125797
10/12/19 6:00 AM	0	153	534	125797
10/12/19 6:30 AM	0	153	534	125797
10/12/19 7:00 AM	0	153	534	125797
10/12/19 7:30 AM	0	152	534	125797
10/12/19 8:00 AM	0	152	536	125797
10/12/19 8:30 AM	0	152	535	125797
10/12/19 9:00 AM	0	152	535	125797
10/12/19 9:30 AM	0	152	535	125797
10/12/19 10:00 AM	0	152	535	125797
10/12/19 10:30 AM	0	152	535	125797
10/12/19 11:00 AM	0	152	535	125797
10/12/19 11:30 AM	0	152	535	125797
10/12/19 12:00 PM	0	153	535	125797
10/12/19 12:30 PM	0	153	535	125797
10/12/19 1:00 PM	0	153	534	125797
10/12/19 1:30 PM	0	153	534	125797
10/12/19 2:00 PM	0	153	534	125797
10/12/19 2:30 PM	0	154	534	125797
10/12/19 3:00 PM	0	154	534	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/12/19 3:30 PM	0	154	534	125797
10/12/19 4:00 PM	0	154	534	125797
10/12/19 4:30 PM	0	154	534	125797
10/12/19 5:00 PM	0	154	534	125797
10/12/19 5:30 PM	0	154	534	125797
10/12/19 6:00 PM	0	154	534	125797
10/12/19 6:30 PM	0	155	534	125797
10/12/19 7:00 PM	0	155	534	125797
10/12/19 7:30 PM	0	155	534	125797
10/12/19 8:00 PM	0	154	534	125797
10/12/19 8:30 PM	0	154	534	125797
10/12/19 9:00 PM	0	154	534	125797
10/12/19 9:30 PM	0	154	534	125797
10/12/19 10:00 PM	0	154	534	125797
10/12/19 10:30 PM	0	154	534	125797
10/12/19 11:00 PM	0	154	534	125797
10/12/19 11:30 PM	0	154	534	125797
10/13/19 12:00 AM	0	154	534	125797
10/13/19 12:30 AM	0	154	534	125797
10/13/19 1:00 AM	0	154	534	125797
10/13/19 1:30 AM	0	154	533	125797
10/13/19 2:00 AM	0	154	533	125797
10/13/19 2:30 AM	0	154	533	125797
10/13/19 3:00 AM	0	153	533	125797
10/13/19 3:30 AM	0	153	533	125797
10/13/19 4:00 AM	0	153	533	125797
10/13/19 4:30 AM	0	153	533	125797
10/13/19 5:00 AM	0	153	533	125797
10/13/19 5:30 AM	0	153	533	125797
10/13/19 6:00 AM	0	153	533	125797
10/13/19 6:30 AM	0	153	533	125797
10/13/19 7:00 AM	0	153	533	125797
10/13/19 7:30 AM	0	153	533	125797
10/13/19 8:00 AM	0	153	534	125797
10/13/19 8:30 AM	0	153	534	125797
10/13/19 9:00 AM	0	153	534	125797
10/13/19 9:30 AM	0	153	534	125797
10/13/19 10:00 AM	0	153	534	125797
10/13/19 10:30 AM	0	153	534	125797
10/13/19 11:00 AM	0	153	534	125797
10/13/19 11:30 AM	0	154	534	125797
10/13/19 12:00 PM	0	154	534	125797
10/13/19 12:30 PM	0	154	533	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/13/19 1:00 PM	0	154	533	125797
10/13/19 1:30 PM	0	154	533	125797
10/13/19 2:00 PM	0	154	533	125797
10/13/19 2:30 PM	0	155	533	125797
10/13/19 3:00 PM	0	155	533	125797
10/13/19 3:30 PM	0	155	533	125797
10/13/19 4:00 PM	0	155	533	125797
10/13/19 4:30 PM	0	155	533	125797
10/13/19 5:00 PM	0	155	533	125797
10/13/19 5:30 PM	0	155	533	125797
10/13/19 6:00 PM	0	156	533	125797
10/13/19 6:30 PM	0	156	532	125797
10/13/19 7:00 PM	0	156	533	125797
10/13/19 7:30 PM	0	155	533	125797
10/13/19 8:00 PM	0	155	533	125797
10/13/19 8:30 PM	0	155	533	125797
10/13/19 9:00 PM	0	155	533	125797
10/13/19 9:30 PM	0	155	533	125797
10/13/19 10:00 PM	0	155	533	125797
10/13/19 10:30 PM	0	155	533	125797
10/13/19 11:00 PM	0	155	533	125797
10/13/19 11:30 PM	0	155	533	125797
10/14/19 12:00 AM	0	155	533	125797
10/14/19 12:30 AM	0	155	533	125797
10/14/19 1:00 AM	0	155	533	125797
10/14/19 1:30 AM	0	155	533	125797
10/14/19 2:00 AM	0	155	533	125797
10/14/19 2:30 AM	0	155	532	125797
10/14/19 3:00 AM	0	155	532	125797
10/14/19 3:30 AM	0	155	532	125797
10/14/19 4:00 AM	0	155	532	125797
10/14/19 4:30 AM	0	155	532	125797
10/14/19 5:00 AM	0	154	532	125797
10/14/19 5:30 AM	0	154	532	125797
10/14/19 6:00 AM	0	154	532	125797
10/14/19 6:30 AM	0	154	532	125797
10/14/19 7:00 AM	0	154	532	125797
10/14/19 7:30 AM	0	154	532	125797
10/14/19 8:00 AM	0	154	533	125797
10/14/19 8:30 AM	0	154	533	125797
10/14/19 9:00 AM	0	154	533	125797
10/14/19 9:30 AM	0	154	533	125797
10/14/19 10:00 AM	0	154	533	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/14/19 10:30 AM	0	155	533	125797
10/14/19 11:00 AM	0	155	533	125797
10/14/19 11:30 AM	0	155	532	125797
10/14/19 12:00 PM	0	155	532	125797
10/14/19 12:30 PM	0	155	532	125797
10/14/19 1:00 PM	0	155	532	125797
10/14/19 1:30 PM	0	156	532	125797
10/14/19 2:00 PM	0	156	532	125797
10/14/19 2:30 PM	0	156	532	125797
10/14/19 3:00 PM	0	156	532	125797
10/14/19 3:30 PM	0	156	532	125797
10/14/19 4:00 PM	0	156	532	125797
10/14/19 4:30 PM	0	156	532	125797
10/14/19 5:00 PM	0	156	532	125797
10/14/19 5:30 PM	0	156	532	125797
10/14/19 6:00 PM	0	156	532	125797
10/14/19 6:30 PM	0	157	531	125797
10/14/19 7:00 PM	0	157	532	125797
10/14/19 7:30 PM	0	157	532	125797
10/14/19 8:00 PM	0	156	532	125797
10/14/19 8:30 PM	0	156	532	125797
10/14/19 9:00 PM	0	156	532	125797
10/14/19 9:30 PM	0	156	532	125797
10/14/19 10:00 PM	0	156	532	125797
10/14/19 10:30 PM	0	156	532	125797
10/14/19 11:00 PM	0	156	532	125797
10/14/19 11:30 PM	0	156	531	125797
10/15/19 12:00 AM	0	156	531	125797
10/15/19 12:30 AM	0	156	532	125797
10/15/19 1:00 AM	0	156	531	125797
10/15/19 1:30 AM	0	156	531	125797
10/15/19 2:00 AM	0	156	531	125797
10/15/19 2:30 AM	0	155	531	125797
10/15/19 3:00 AM	0	155	531	125797
10/15/19 3:30 AM	0	155	531	125797
10/15/19 4:00 AM	0	155	531	125797
10/15/19 4:30 AM	0	155	531	125797
10/15/19 5:00 AM	0	155	531	125797
10/15/19 5:30 AM	0	155	531	125797
10/15/19 6:00 AM	0	155	531	125797
10/15/19 6:30 AM	0	155	531	125797
10/15/19 7:00 AM	0	155	531	125797
10/15/19 7:30 AM	0	155	531	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/15/19 8:00 AM	0	155	532	125797
10/15/19 8:30 AM	0	155	532	125797
10/15/19 9:00 AM	0	155	532	125797
10/15/19 9:30 AM	0	155	532	125797
10/15/19 10:00 AM	0	155	532	125797
10/15/19 10:30 AM	0	155	532	125797
10/15/19 11:00 AM	0	155	531	125797
10/15/19 11:30 AM	0	155	531	125797
10/15/19 12:00 PM	0	156	531	125797
10/15/19 12:30 PM	0	156	531	125797
10/15/19 1:00 PM	0	156	531	125797
10/15/19 1:30 PM	0	156	531	125797
10/15/19 2:00 PM	0	156	531	125797
10/15/19 2:30 PM	0	156	531	125797
10/15/19 3:00 PM	0	157	531	125797
10/15/19 3:30 PM	0	157	531	125797
10/15/19 4:00 PM	0	157	531	125797
10/15/19 4:30 PM	0	157	531	125797
10/15/19 5:00 PM	0	157	531	125797
10/15/19 5:30 PM	0	157	531	125797
10/15/19 6:00 PM	0	157	530	125797
10/15/19 6:30 PM	0	157	530	125797
10/15/19 7:00 PM	0	157	530	125797
10/15/19 7:30 PM	0	157	531	125797
10/15/19 8:00 PM	0	157	531	125797
10/15/19 8:30 PM	0	157	531	125797
10/15/19 9:00 PM	0	157	531	125797
10/15/19 9:30 PM	0	157	531	125797
10/15/19 10:00 PM	0	157	530	125797
10/15/19 10:30 PM	0	157	530	125797
10/15/19 11:00 PM	0	157	530	125797
10/15/19 11:30 PM	0	157	530	125797
10/16/19 12:00 AM	0	157	530	125797
10/16/19 12:30 AM	0	156	530	125797
10/16/19 1:00 AM	0	157	530	125797
10/16/19 1:30 AM	0	156	530	125797
10/16/19 2:00 AM	0	156	530	125797
10/16/19 2:30 AM	0	156	530	125797
10/16/19 3:00 AM	0	156	530	125797
10/16/19 3:30 AM	0	156	530	125797
10/16/19 4:00 AM	0	156	530	125797
10/16/19 4:30 AM	0	156	530	125797
10/16/19 5:00 AM	0	156	530	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/16/19 5:30 AM	0	156	530	125797
10/16/19 6:00 AM	0	156	530	125797
10/16/19 6:30 AM	0	156	530	125797
10/16/19 7:00 AM	0	156	530	125797
10/16/19 7:30 AM	0	155	530	125797
10/16/19 8:00 AM	0	155	531	125797
10/16/19 8:30 AM	0	155	531	125797
10/16/19 9:00 AM	0	156	531	125797
10/16/19 9:30 AM	0	156	531	125797
10/16/19 10:00 AM	0	156	531	125797
10/16/19 10:30 AM	0	156	530	125797
10/16/19 11:00 AM	0	156	530	125797
10/16/19 11:30 AM	0	156	530	125797
10/16/19 12:00 PM	0	156	530	125797
10/16/19 12:30 PM	0	156	530	125797
10/16/19 1:00 PM	0	157	530	125797
10/16/19 1:30 PM	0	157	530	125797
10/16/19 2:00 PM	0	157	530	125797
10/16/19 2:30 PM	0	157	530	125797
10/16/19 3:00 PM	0	157	530	125797
10/16/19 3:30 PM	0	157	530	125797
10/16/19 4:00 PM	0	157	530	125797
10/16/19 4:30 PM	0	158	530	125797
10/16/19 5:00 PM	0	158	530	125797
10/16/19 5:30 PM	0	158	530	125797
10/16/19 6:00 PM	0	158	529	125797
10/16/19 6:30 PM	0	158	529	125797
10/16/19 7:00 PM	0	158	529	125797
10/16/19 7:30 PM	0	158	529	125797
10/16/19 8:00 PM	0	158	530	125797
10/16/19 8:30 PM	0	158	530	125797
10/16/19 9:00 PM	0	158	530	125797
10/16/19 9:30 PM	0	158	530	125797
10/16/19 10:00 PM	0	158	529	125797
10/16/19 10:30 PM	0	157	529	125797
10/16/19 11:00 PM	0	157	529	125797
10/16/19 11:30 PM	0	157	529	125797
10/17/19 12:00 AM	0	157	529	125797
10/17/19 12:30 AM	0	157	529	125797
10/17/19 1:00 AM	0	157	529	125797
10/17/19 1:30 AM	0	157	529	125797
10/17/19 2:00 AM	0	157	529	125797
10/17/19 2:30 AM	0	157	529	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/17/19 3:00 AM	0	157	529	125797
10/17/19 3:30 AM	0	157	529	125797
10/17/19 4:00 AM	0	157	529	125797
10/17/19 4:30 AM	0	157	529	125797
10/17/19 5:00 AM	0	157	529	125797
10/17/19 5:30 AM	0	157	529	125797
10/17/19 6:00 AM	0	157	529	125797
10/17/19 6:30 AM	0	157	529	125797
10/17/19 7:00 AM	0	156	529	125797
10/17/19 7:30 AM	0	156	529	125797
10/17/19 8:00 AM	0	156	529	125797
10/17/19 8:30 AM	0	156	530	125797
10/17/19 9:00 AM	0	156	530	125797
10/17/19 9:30 AM	0	157	530	125797
10/17/19 10:00 AM	0	157	530	125797
10/17/19 10:30 AM	0	157	529	125797
10/17/19 11:00 AM	0	157	529	125797
10/17/19 11:30 AM	0	157	529	125797
10/17/19 12:00 PM	0	157	529	125797
10/17/19 12:30 PM	0	157	529	125797
10/17/19 1:00 PM	0	157	529	125797
10/17/19 1:30 PM	0	158	529	125797
10/17/19 2:00 PM	0	158	529	125797
10/17/19 2:30 PM	0	158	529	125797
10/17/19 3:00 PM	0	158	529	125797
10/17/19 3:30 PM	0	158	529	125797
10/17/19 4:00 PM	0	158	529	125797
10/17/19 4:30 PM	0	158	529	125797
10/17/19 5:00 PM	0	158	529	125797
10/17/19 5:30 PM	0	158	529	125797
10/17/19 6:00 PM	0	159	528	125797
10/17/19 6:30 PM	0	159	528	125797
10/17/19 7:00 PM	0	159	528	125797
10/17/19 7:30 PM	0	159	528	125797
10/17/19 8:00 PM	0	159	529	125797
10/17/19 8:30 PM	0	158	529	125797
10/17/19 9:00 PM	0	158	529	125797
10/17/19 9:30 PM	0	158	529	125797
10/17/19 10:00 PM	0	158	529	125797
10/17/19 10:30 PM	0	158	529	125797
10/17/19 11:00 PM	0	158	528	125797
10/17/19 11:30 PM	0	158	528	125797
10/18/19 12:00 AM	0	158	528	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/18/19 12:30 AM	0	158	528	125797
10/18/19 1:00 AM	0	158	528	125797
10/18/19 1:30 AM	0	158	528	125797
10/18/19 2:00 AM	0	158	528	125797
10/18/19 2:30 AM	0	158	528	125797
10/18/19 3:00 AM	0	158	528	125797
10/18/19 3:30 AM	0	158	528	125797
10/18/19 4:00 AM	0	158	528	125797
10/18/19 4:30 AM	0	158	528	125797
10/18/19 5:00 AM	0	158	528	125797
10/18/19 5:30 AM	0	157	528	125797
10/18/19 6:00 AM	0	157	528	125797
10/18/19 6:30 AM	0	157	528	125797
10/18/19 7:00 AM	0	157	528	125797
10/18/19 7:30 AM	0	157	528	125797
10/18/19 8:00 AM	0	157	528	125797
10/18/19 8:30 AM	0	157	528	125797
10/18/19 9:00 AM	0	157	528	125797
10/18/19 9:30 AM	0	158	528	125797
10/18/19 10:00 AM	0	158	528	125797
10/18/19 10:30 AM	0	158	528	125797
10/18/19 11:00 AM	0	158	528	125797
10/18/19 11:30 AM	0	158	528	125797
10/18/19 12:00 PM	0	158	528	125797
10/18/19 12:30 PM	0	158	528	125797
10/18/19 1:00 PM	0	158	528	125797
10/18/19 1:30 PM	0	158	528	125797
10/18/19 2:00 PM	0	158	528	125797
10/18/19 2:30 PM	0	158	528	125797
10/18/19 3:00 PM	0	158	528	125797
10/18/19 3:30 PM	0	158	528	125797
10/18/19 4:00 PM	0	158	528	125797
10/18/19 4:30 PM	0	159	528	125797
10/18/19 5:00 PM	0	159	528	125797
10/18/19 5:30 PM	0	159	528	125797
10/18/19 6:00 PM	0	159	527	125797
10/18/19 6:30 PM	0	159	527	125797
10/18/19 7:00 PM	0	159	527	125797
10/18/19 7:30 PM	0	159	528	125797
10/18/19 8:00 PM	0	159	528	125797
10/18/19 8:30 PM	0	159	528	125797
10/18/19 9:00 PM	0	158	528	125797
10/18/19 9:30 PM	0	158	528	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/18/19 10:00 PM	0	158	527	125797
10/18/19 10:30 PM	0	158	527	125797
10/18/19 11:00 PM	0	158	527	125797
10/18/19 11:30 PM	0	158	527	125797
10/19/19 12:00 AM	0	158	527	125797
10/19/19 12:30 AM	0	158	527	125797
10/19/19 1:00 AM	0	158	527	125797
10/19/19 1:30 AM	0	158	527	125797
10/19/19 2:00 AM	0	158	527	125797
10/19/19 2:30 AM	0	158	527	125797
10/19/19 3:00 AM	0	158	527	125797
10/19/19 3:30 AM	0	158	527	125797
10/19/19 4:00 AM	0	157	527	125797
10/19/19 4:30 AM	0	157	527	125797
10/19/19 5:00 AM	0	157	527	125797
10/19/19 5:30 AM	0	157	527	125797
10/19/19 6:00 AM	0	157	526	125797
10/19/19 6:30 AM	0	157	526	125797
10/19/19 7:00 AM	0	157	526	125797
10/19/19 7:30 AM	0	157	526	125797
10/19/19 8:00 AM	0	157	528	125797
10/19/19 8:30 AM	0	156	528	125797
10/19/19 9:00 AM	0	156	528	125797
10/19/19 9:30 AM	0	156	528	125797
10/19/19 10:00 AM	0	156	528	125797
10/19/19 10:30 AM	0	157	528	125797
10/19/19 11:00 AM	0	157	528	125797
10/19/19 11:30 AM	0	157	527	125797
10/19/19 12:00 PM	0	157	527	125797
10/19/19 12:30 PM	0	157	527	125797
10/19/19 1:00 PM	0	157	527	125797
10/19/19 1:30 PM	0	157	527	125797
10/19/19 2:00 PM	0	158	527	125797
10/19/19 2:30 PM	0	158	527	125797
10/19/19 3:00 PM	0	158	527	125797
10/19/19 3:30 PM	0	158	527	125797
10/19/19 4:00 PM	0	158	527	125797
10/19/19 4:30 PM	0	158	527	125797
10/19/19 5:00 PM	0	158	527	125797
10/19/19 5:30 PM	0	158	527	125797
10/19/19 6:00 PM	0	158	527	125797
10/19/19 6:30 PM	0	158	526	125797
10/19/19 7:00 PM	0	158	526	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/19/19 7:30 PM	0	158	527	125797
10/19/19 8:00 PM	0	158	527	125797
10/19/19 8:30 PM	0	158	527	125797
10/19/19 9:00 PM	0	158	527	125797
10/19/19 9:30 PM	0	158	527	125797
10/19/19 10:00 PM	0	158	527	125797
10/19/19 10:30 PM	0	158	527	125797
10/19/19 11:00 PM	0	158	527	125797
10/19/19 11:30 PM	0	158	527	125797
10/20/19 12:00 AM	0	158	526	125797
10/20/19 12:30 AM	0	158	526	125797
10/20/19 1:00 AM	0	158	526	125797
10/20/19 1:30 AM	0	158	526	125797
10/20/19 2:00 AM	0	158	526	125797
10/20/19 2:30 AM	0	158	526	125797
10/20/19 3:00 AM	0	157	526	125797
10/20/19 3:30 AM	0	157	526	125797
10/20/19 4:00 AM	0	157	526	125797
10/20/19 4:30 AM	0	157	527	125797
10/20/19 5:00 AM	0	157	526	125797
10/20/19 5:30 AM	0	157	526	125797
10/20/19 6:00 AM	0	157	526	125797
10/20/19 6:30 AM	0	157	526	125797
10/20/19 7:00 AM	0	157	526	125797
10/20/19 7:30 AM	0	157	526	125797
10/20/19 8:00 AM	0	157	526	125797
10/20/19 8:30 AM	0	157	527	125797
10/20/19 9:00 AM	0	157	527	125797
10/20/19 9:30 AM	0	157	526	125797
10/20/19 10:00 AM	0	157	526	125797
10/20/19 10:30 AM	0	157	527	125797
10/20/19 11:00 AM	0	157	526	125797
10/20/19 11:30 AM	0	158	526	125797
10/20/19 12:00 PM	0	158	526	125797
10/20/19 12:30 PM	0	158	526	125797
10/20/19 1:00 PM	0	158	526	125797
10/20/19 1:30 PM	0	158	526	125797
10/20/19 2:00 PM	0	158	526	125797
10/20/19 2:30 PM	0	158	526	125797
10/20/19 3:00 PM	0	158	526	125797
10/20/19 3:30 PM	0	158	526	125797
10/20/19 4:00 PM	0	158	526	125797
10/20/19 4:30 PM	0	158	526	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/20/19 5:00 PM	0	158	526	125797
10/20/19 5:30 PM	0	158	526	125797
10/20/19 6:00 PM	0	158	526	125797
10/20/19 6:30 PM	0	158	525	125797
10/20/19 7:00 PM	0	158	526	125797
10/20/19 7:30 PM	0	158	526	125797
10/20/19 8:00 PM	0	158	526	125797
10/20/19 8:30 PM	0	158	526	125797
10/20/19 9:00 PM	0	158	526	125797
10/20/19 9:30 PM	0	158	526	125797
10/20/19 10:00 PM	0	158	526	125797
10/20/19 10:30 PM	0	158	525	125797
10/20/19 11:00 PM	0	158	525	125797
10/20/19 11:30 PM	0	158	525	125797
10/21/19 12:00 AM	0	158	525	125797
10/21/19 12:30 AM	0	157	525	125797
10/21/19 1:00 AM	0	157	525	125797
10/21/19 1:30 AM	0	157	525	125797
10/21/19 2:00 AM	0	157	525	125797
10/21/19 2:30 AM	0	157	525	125797
10/21/19 3:00 AM	0	157	524	125797
10/21/19 3:30 AM	0	157	524	125797
10/21/19 4:00 AM	0	157	524	125797
10/21/19 4:30 AM	0	156	524	125797
10/21/19 5:00 AM	0	156	524	125797
10/21/19 5:30 AM	0	156	524	125797
10/21/19 6:00 AM	0	155	524	125797
10/21/19 6:30 AM	0	155	523	125797
10/21/19 7:00 AM	0	154	523	125797
10/21/19 7:30 AM	0	154	523	125797
10/21/19 8:00 AM	0	153	526	125797
10/21/19 8:30 AM	0	153	526	125797
10/21/19 9:00 AM	0	152	526	125797
10/21/19 9:30 AM	0	152	526	125797
10/21/19 10:00 AM	0	152	526	125797
10/21/19 10:30 AM	0	152	526	125797
10/21/19 11:00 AM	0	152	526	125797
10/21/19 11:30 AM	0	152	525	125797
10/21/19 12:00 PM	0	152	525	125797
10/21/19 12:30 PM	0	152	525	125797
10/21/19 1:00 PM	0	152	525	125797
10/21/19 1:30 PM	0	152	525	125797
10/21/19 2:00 PM	0	152	525	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/21/19 2:30 PM	0	153	525	125797
10/21/19 3:00 PM	0	153	525	125797
10/21/19 3:30 PM	0	153	525	125797
10/21/19 4:00 PM	0	153	525	125797
10/21/19 4:30 PM	0	153	525	125797
10/21/19 5:00 PM	0	153	525	125797
10/21/19 5:30 PM	0	153	525	125797
10/21/19 6:00 PM	0	153	525	125797
10/21/19 6:30 PM	0	153	525	125797
10/21/19 7:00 PM	0	153	525	125797
10/21/19 7:30 PM	0	153	525	125797
10/21/19 8:00 PM	0	153	525	125797
10/21/19 8:30 PM	0	153	525	125797
10/21/19 9:00 PM	0	153	525	125797
10/21/19 9:30 PM	0	153	525	125797
10/21/19 10:00 PM	0	153	525	125797
10/21/19 10:30 PM	0	153	525	125797
10/21/19 11:00 PM	0	153	525	125797
10/21/19 11:30 PM	0	153	525	125797
10/22/19 12:00 AM	0	153	525	125797
10/22/19 12:30 AM	0	153	525	125797
10/22/19 1:00 AM	0	153	524	125797
10/22/19 1:30 AM	0	153	524	125797
10/22/19 2:00 AM	0	153	524	125797
10/22/19 2:30 AM	0	153	524	125797
10/22/19 3:00 AM	0	153	524	125797
10/22/19 3:30 AM	0	152	524	125797
10/22/19 4:00 AM	0	152	524	125797
10/22/19 4:30 AM	0	152	524	125797
10/22/19 5:00 AM	0	152	524	125797
10/22/19 5:30 AM	0	152	524	125797
10/22/19 6:00 AM	0	152	524	125797
10/22/19 6:30 AM	0	152	524	125797
10/22/19 7:00 AM	0	152	524	125797
10/22/19 7:30 AM	0	152	524	125797
10/22/19 8:00 AM	0	151	525	125797
10/22/19 8:30 AM	0	151	525	125797
10/22/19 9:00 AM	0	151	525	125797
10/22/19 9:30 AM	0	151	525	125797
10/22/19 10:00 AM	0	151	525	125797
10/22/19 10:30 AM	0	151	525	125797
10/22/19 11:00 AM	0	152	525	125797
10/22/19 11:30 AM	0	152	525	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/22/19 12:00 PM	0	152	524	125797
10/22/19 12:30 PM	0	152	524	125797
10/22/19 1:00 PM	0	152	524	125797
10/22/19 1:30 PM	0	152	524	125797
10/22/19 2:00 PM	0	152	524	125797
10/22/19 2:30 PM	0	152	524	125797
10/22/19 3:00 PM	0	153	524	125797
10/22/19 3:30 PM	0	153	524	125797
10/22/19 4:00 PM	0	153	524	125797
10/22/19 4:30 PM	0	153	524	125797
10/22/19 5:00 PM	0	153	524	125797
10/22/19 5:30 PM	0	153	524	125797
10/22/19 6:00 PM	0	153	524	125797
10/22/19 6:30 PM	0	153	524	125797
10/22/19 7:00 PM	0	153	524	125797
10/22/19 7:30 PM	0	153	524	125797
10/22/19 8:00 PM	0	153	524	125797
10/22/19 8:30 PM	0	153	524	125797
10/22/19 9:00 PM	0	153	524	125797
10/22/19 9:30 PM	0	153	524	125797
10/22/19 10:00 PM	0	153	524	125797
10/22/19 10:30 PM	0	153	524	125797
10/22/19 11:00 PM	0	153	524	125797
10/22/19 11:30 PM	0	153	524	125797
10/23/19 12:00 AM	0	153	524	125797
10/23/19 12:30 AM	0	153	524	125797
10/23/19 1:00 AM	0	153	524	125797
10/23/19 1:30 AM	0	153	524	125797
10/23/19 2:00 AM	0	152	524	125797
10/23/19 2:30 AM	0	152	524	125797
10/23/19 3:00 AM	0	152	524	125797
10/23/19 3:30 AM	0	152	524	125797
10/23/19 4:00 AM	0	152	524	125797
10/23/19 4:30 AM	0	152	524	125797
10/23/19 5:00 AM	0	152	523	125797
10/23/19 5:30 AM	0	152	523	125797
10/23/19 6:00 AM	0	152	523	125797
10/23/19 6:30 AM	0	152	523	125797
10/23/19 7:00 AM	0	152	523	125797
10/23/19 7:30 AM	0	152	523	125797
10/23/19 8:00 AM	0	152	524	125797
10/23/19 8:30 AM	0	152	524	125797
10/23/19 9:00 AM	0	152	524	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/23/19 9:30 AM	0	152	524	125797
10/23/19 10:00 AM	0	152	524	125797
10/23/19 10:30 AM	0	152	524	125797
10/23/19 11:00 AM	0	152	524	125797
10/23/19 11:30 AM	0	152	524	125797
10/23/19 12:00 PM	0	152	524	125797
10/23/19 12:30 PM	0	152	523	125797
10/23/19 1:00 PM	0	152	524	125797
10/23/19 1:30 PM	0	153	524	125797
10/23/19 2:00 PM	0	153	524	125797
10/23/19 2:30 PM	0	153	524	125797
10/23/19 3:00 PM	0	153	523	125797
10/23/19 3:30 PM	0	153	523	125797
10/23/19 4:00 PM	0	153	523	125797
10/23/19 4:30 PM	0	153	523	125797
10/23/19 5:00 PM	0	153	523	125797
10/23/19 5:30 PM	0	153	523	125797
10/23/19 6:00 PM	0	153	523	125797
10/23/19 6:30 PM	0	153	523	125797
10/23/19 7:00 PM	0	153	523	125797
10/23/19 7:30 PM	0	153	523	125797
10/23/19 8:00 PM	0	153	523	125797
10/23/19 8:30 PM	0	153	523	125797
10/23/19 9:00 PM	0	153	523	125797
10/23/19 9:30 PM	0	153	523	125797
10/23/19 10:00 PM	0	153	523	125797
10/23/19 10:30 PM	0	153	523	125797
10/23/19 11:00 PM	0	153	523	125797
10/23/19 11:30 PM	0	153	523	125797
10/24/19 12:00 AM	0	153	523	125797
10/24/19 12:30 AM	0	153	523	125797
10/24/19 1:00 AM	0	153	523	125797
10/24/19 1:30 AM	0	153	523	125797
10/24/19 2:00 AM	0	153	523	125797
10/24/19 2:30 AM	0	153	523	125797
10/24/19 3:00 AM	0	153	523	125797
10/24/19 3:30 AM	0	153	523	125797
10/24/19 4:00 AM	0	153	523	125797
10/24/19 4:30 AM	0	152	523	125797
10/24/19 5:00 AM	0	152	523	125797
10/24/19 5:30 AM	0	152	523	125797
10/24/19 6:00 AM	0	152	522	125797
10/24/19 6:30 AM	0	152	522	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/24/19 7:00 AM	0	152	522	125797
10/24/19 7:30 AM	0	152	522	125797
10/24/19 8:00 AM	0	152	523	125797
10/24/19 8:30 AM	0	152	523	125797
10/24/19 9:00 AM	0	152	523	125797
10/24/19 9:30 AM	0	152	523	125797
10/24/19 10:00 AM	0	152	523	125797
10/24/19 10:30 AM	0	152	523	125797
10/24/19 11:00 AM	0	152	523	125797
10/24/19 11:30 AM	0	153	523	125797
10/24/19 12:00 PM	0	153	523	125797
10/24/19 12:30 PM	0	153	523	125797
10/24/19 1:00 PM	0	153	523	125797
10/24/19 1:30 PM	0	153	523	125797
10/24/19 2:00 PM	0	153	523	125797
10/24/19 2:30 PM	0	153	522	125797
10/24/19 3:00 PM	0	153	522	125797
10/24/19 3:30 PM	0	153	522	125797
10/24/19 4:00 PM	0	154	522	125797
10/24/19 4:30 PM	0	154	522	125797
10/24/19 5:00 PM	0	154	522	125797
10/24/19 5:30 PM	0	154	522	125797
10/24/19 6:00 PM	0	154	522	125797
10/24/19 6:30 PM	0	154	522	125797
10/24/19 7:00 PM	0	154	522	125797
10/24/19 7:30 PM	0	154	522	125797
10/24/19 8:00 PM	0	153	522	125797
10/24/19 8:30 PM	0	153	522	125797
10/24/19 9:00 PM	0	153	522	125797
10/24/19 9:30 PM	0	153	522	125797
10/24/19 10:00 PM	0	153	522	125797
10/24/19 10:30 PM	0	153	522	125797
10/24/19 11:00 PM	0	153	522	125797
10/24/19 11:30 PM	0	153	522	125797
10/25/19 12:00 AM	0	153	522	125797
10/25/19 12:30 AM	0	153	522	125797
10/25/19 1:00 AM	0	153	522	125797
10/25/19 1:30 AM	0	153	522	125797
10/25/19 2:00 AM	0	153	522	125797
10/25/19 2:30 AM	0	153	522	125797
10/25/19 3:00 AM	0	152	522	125797
10/25/19 3:30 AM	0	152	522	125797
10/25/19 4:00 AM	0	152	522	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/25/19 4:30 AM	0	152	522	125797
10/25/19 5:00 AM	0	152	522	125797
10/25/19 5:30 AM	0	152	521	125797
10/25/19 6:00 AM	0	151	521	125797
10/25/19 6:30 AM	0	151	521	125797
10/25/19 7:00 AM	0	150	521	125797
10/25/19 7:30 AM	0	150	521	125797
10/25/19 8:00 AM	0	149	522	125797
10/25/19 8:30 AM	0	149	522	125797
10/25/19 9:00 AM	0	148	523	125797
10/25/19 9:30 AM	0	148	523	125797
10/25/19 10:00 AM	0	148	522	125797
10/25/19 10:30 AM	0	148	522	125797
10/25/19 11:00 AM	0	148	522	125797
10/25/19 11:30 AM	0	148	522	125797
10/25/19 12:00 PM	0	148	522	125797
10/25/19 12:30 PM	0	148	522	125797
10/25/19 1:00 PM	0	149	522	125797
10/25/19 1:30 PM	0	149	522	125797
10/25/19 2:00 PM	0	149	522	125797
10/25/19 2:30 PM	0	149	522	125797
10/25/19 3:00 PM	0	149	522	125797
10/25/19 3:30 PM	0	149	522	125797
10/25/19 4:00 PM	0	149	522	125797
10/25/19 4:30 PM	0	150	522	125797
10/25/19 5:00 PM	0	150	522	125797
10/25/19 5:30 PM	0	150	522	125797
10/25/19 6:00 PM	0	150	521	125797
10/25/19 6:30 PM	0	150	521	125797
10/25/19 7:00 PM	0	150	521	125797
10/25/19 7:30 PM	0	150	522	125797
10/25/19 8:00 PM	0	150	522	125797
10/25/19 8:30 PM	0	150	522	125797
10/25/19 9:00 PM	0	149	522	125797
10/25/19 9:30 PM	0	149	522	125797
10/25/19 10:00 PM	0	149	521	125797
10/25/19 10:30 PM	0	149	522	125797
10/25/19 11:00 PM	0	149	521	125797
10/25/19 11:30 PM	0	149	521	125797
10/26/19 12:00 AM	0	149	521	125797
10/26/19 12:30 AM	0	149	521	125797
10/26/19 1:00 AM	0	149	521	125797
10/26/19 1:30 AM	0	149	521	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/26/19 2:00 AM	0	149	521	125797
10/26/19 2:30 AM	0	149	521	125797
10/26/19 3:00 AM	0	148	521	125797
10/26/19 3:30 AM	0	148	521	125797
10/26/19 4:00 AM	0	148	521	125797
10/26/19 4:30 AM	0	148	521	125797
10/26/19 5:00 AM	0	148	520	125797
10/26/19 5:30 AM	0	148	520	125797
10/26/19 6:00 AM	0	147	520	125797
10/26/19 6:30 AM	0	147	520	125797
10/26/19 7:00 AM	0	147	520	125797
10/26/19 7:30 AM	0	146	520	125797
10/26/19 8:00 AM	0	146	522	125797
10/26/19 8:30 AM	0	145	522	125797
10/26/19 9:00 AM	0	145	522	125797
10/26/19 9:30 AM	0	145	522	125797
10/26/19 10:00 AM	0	145	522	125797
10/26/19 10:30 AM	0	145	522	125797
10/26/19 11:00 AM	0	145	522	125797
10/26/19 11:30 AM	0	145	522	125797
10/26/19 12:00 PM	0	145	522	125797
10/26/19 12:30 PM	0	145	521	125797
10/26/19 1:00 PM	0	145	521	125797
10/26/19 1:30 PM	0	146	521	125797
10/26/19 2:00 PM	0	146	521	125797
10/26/19 2:30 PM	0	146	521	125797
10/26/19 3:00 PM	0	146	521	125797
10/26/19 3:30 PM	0	146	521	125797
10/26/19 4:00 PM	0	146	521	125797
10/26/19 4:30 PM	0	146	521	125797
10/26/19 5:00 PM	0	147	521	125797
10/26/19 5:30 PM	0	147	521	125797
10/26/19 6:00 PM	0	147	521	125797
10/26/19 6:30 PM	0	147	521	125797
10/26/19 7:00 PM	0	147	521	125797
10/26/19 7:30 PM	0	147	521	125797
10/26/19 8:00 PM	0	147	521	125797
10/26/19 8:30 PM	0	147	521	125797
10/26/19 9:00 PM	0	146	521	125797
10/26/19 9:30 PM	0	146	521	125797
10/26/19 10:00 PM	0	146	521	125797
10/26/19 10:30 PM	0	146	521	125797
10/26/19 11:00 PM	0	146	521	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/26/19 11:30 PM	0	146	521	125797
10/27/19 12:00 AM	0	146	521	125797
10/27/19 12:30 AM	0	146	521	125797
10/27/19 1:00 AM	0	146	521	125797
10/27/19 1:30 AM	0	146	521	125797
10/27/19 2:00 AM	0	146	521	125797
10/27/19 2:30 AM	0	146	520	125797
10/27/19 3:00 AM	0	146	520	125797
10/27/19 3:30 AM	0	146	520	125797
10/27/19 4:00 AM	0	146	520	125797
10/27/19 4:30 AM	0	146	520	125797
10/27/19 5:00 AM	0	146	520	125797
10/27/19 5:30 AM	0	146	520	125797
10/27/19 6:00 AM	0	146	520	125797
10/27/19 6:30 AM	0	146	520	125797
10/27/19 7:00 AM	0	146	520	125797
10/27/19 7:30 AM	0	145	520	125797
10/27/19 8:00 AM	0	145	520	125797
10/27/19 8:30 AM	0	145	521	125797
10/27/19 9:00 AM	0	145	521	125797
10/27/19 9:30 AM	0	146	521	125797
10/27/19 10:00 AM	0	146	521	125797
10/27/19 10:30 AM	0	146	521	125797
10/27/19 11:00 AM	0	146	521	125797
10/27/19 11:30 AM	0	146	521	125797
10/27/19 12:00 PM	0	146	521	125797
10/27/19 12:30 PM	0	146	521	125797
10/27/19 1:00 PM	0	146	520	125797
10/27/19 1:30 PM	0	146	521	125797
10/27/19 2:00 PM	0	147	520	125797
10/27/19 2:30 PM	0	147	520	125797
10/27/19 3:00 PM	0	147	520	125797
10/27/19 3:30 PM	0	147	520	125797
10/27/19 4:00 PM	0	147	520	125797
10/27/19 4:30 PM	0	147	520	125797
10/27/19 5:00 PM	0	147	520	125797
10/27/19 5:30 PM	0	147	520	125797
10/27/19 6:00 PM	0	147	520	125797
10/27/19 6:30 PM	0	147	520	125797
10/27/19 7:00 PM	0	147	520	125797
10/27/19 7:30 PM	0	147	520	125797
10/27/19 8:00 PM	0	147	520	125797
10/27/19 8:30 PM	0	147	520	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/27/19 9:00 PM	0	147	520	125797
10/27/19 9:30 PM	0	147	520	125797
10/27/19 10:00 PM	0	147	520	125797
10/27/19 10:30 PM	0	147	520	125797
10/27/19 11:00 PM	0	147	520	125797
10/27/19 11:30 PM	0	147	520	125797
10/28/19 12:00 AM	0	147	520	125797
10/28/19 12:30 AM	0	147	520	125797
10/28/19 1:00 AM	0	147	520	125797
10/28/19 1:30 AM	0	147	520	125797
10/28/19 2:00 AM	0	147	520	125797
10/28/19 2:30 AM	0	146	520	125797
10/28/19 3:00 AM	0	146	520	125797
10/28/19 3:30 AM	0	146	520	125797
10/28/19 4:00 AM	0	146	520	125797
10/28/19 4:30 AM	0	146	520	125797
10/28/19 5:00 AM	0	146	519	125797
10/28/19 5:30 AM	0	146	519	125797
10/28/19 6:00 AM	0	146	519	125797
10/28/19 6:30 AM	0	146	519	125797
10/28/19 7:00 AM	0	146	519	125797
10/28/19 7:30 AM	0	146	519	125797
10/28/19 8:00 AM	0	146	519	125797
10/28/19 8:30 AM	0	146	519	125797
10/28/19 9:00 AM	0	146	519	125797
10/28/19 9:30 AM	0	146	521	125797
10/28/19 10:00 AM	0	146	520	125797
10/28/19 10:30 AM	0	146	520	125797
10/28/19 11:00 AM	0	146	520	125797
10/28/19 11:30 AM	0	146	520	125797
10/28/19 12:00 PM	0	146	520	125797
10/28/19 12:30 PM	0	146	520	125797
10/28/19 1:00 PM	0	146	520	125797
10/28/19 1:30 PM	0	146	520	125797
10/28/19 2:00 PM	0	146	520	125797
10/28/19 2:30 PM	0	146	520	125797
10/28/19 3:00 PM	0	146	520	125797
10/28/19 3:30 PM	0	146	520	125797
10/28/19 4:00 PM	0	146	520	125797
10/28/19 4:30 PM	0	146	520	125797
10/28/19 5:00 PM	0	146	519	125797
10/28/19 5:30 PM	0	146	519	125797
10/28/19 6:00 PM	0	146	519	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/28/19 6:30 PM	0	146	519	125797
10/28/19 7:00 PM	0	146	519	125797
10/28/19 7:30 PM	0	146	519	125797
10/28/19 8:00 PM	0	146	518	125797
10/28/19 8:30 PM	0	146	518	125797
10/28/19 9:00 PM	0	146	518	125797
10/28/19 9:30 PM	0	146	518	125797
10/28/19 10:00 PM	0	146	518	125797
10/28/19 10:30 PM	0	146	518	125797
10/28/19 11:00 PM	0	146	518	125797
10/28/19 11:30 PM	0	146	517	125797
10/29/19 12:00 AM	0	145	517	125797
10/29/19 12:30 AM	0	145	517	125797
10/29/19 1:00 AM	0	145	517	125797
10/29/19 1:30 AM	0	144	517	125797
10/29/19 2:00 AM	0	144	517	125797
10/29/19 2:30 AM	0	144	517	125797
10/29/19 3:00 AM	0	143	517	125797
10/29/19 3:30 AM	0	143	517	125797
10/29/19 4:00 AM	0	142	518	125797
10/29/19 4:30 AM	0	142	517	125797
10/29/19 5:00 AM	0	141	518	125797
10/29/19 5:30 AM	0	141	518	125797
10/29/19 6:00 AM	0	140	518	125797
10/29/19 6:30 AM	0	139	519	125797
10/29/19 7:00 AM	0	139	519	125797
10/29/19 7:30 AM	0	138	520	125797
10/29/19 8:00 AM	0	138	520	125797
10/29/19 8:30 AM	0	137	521	125797
10/29/19 9:00 AM	0	136	521	125797
10/29/19 9:30 AM	0	136	520	125797
10/29/19 10:00 AM	0	135	520	125797
10/29/19 10:30 AM	0	135	520	125797
10/29/19 11:00 AM	0	135	519	125797
10/29/19 11:30 AM	0	134	519	125797
10/29/19 12:00 PM	0	134	519	125797
10/29/19 12:30 PM	0	134	520	125797
10/29/19 1:00 PM	0	134	519	125797
10/29/19 1:30 PM	0	134	519	125797
10/29/19 2:00 PM	0	134	520	125797
10/29/19 2:30 PM	0	134	519	125797
10/29/19 3:00 PM	0	134	519	125797
10/29/19 3:30 PM	0	135	519	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/29/19 4:00 PM	0	135	519	125797
10/29/19 4:30 PM	0	135	519	125797
10/29/19 5:00 PM	0	135	519	125797
10/29/19 5:30 PM	0	135	519	125797
10/29/19 6:00 PM	0	135	519	125797
10/29/19 6:30 PM	0	135	519	125797
10/29/19 7:00 PM	0	135	519	125797
10/29/19 7:30 PM	0	135	519	125797
10/29/19 8:00 PM	0	135	519	125797
10/29/19 8:30 PM	0	135	519	125797
10/29/19 9:00 PM	0	135	519	125797
10/29/19 9:30 PM	0	135	519	125797
10/29/19 10:00 PM	0	135	519	125797
10/29/19 10:30 PM	0	135	519	125797
10/29/19 11:00 PM	0	135	519	125797
10/29/19 11:30 PM	0	135	518	125797
10/30/19 12:00 AM	0	135	518	125797
10/30/19 12:30 AM	0	135	518	125797
10/30/19 1:00 AM	0	135	518	125797
10/30/19 1:30 AM	0	135	518	125797
10/30/19 2:00 AM	0	134	518	125797
10/30/19 2:30 AM	0	134	517	125797
10/30/19 3:00 AM	0	134	517	125797
10/30/19 3:30 AM	0	134	517	125797
10/30/19 4:00 AM	0	134	517	125797
10/30/19 4:30 AM	0	134	517	125797
10/30/19 5:00 AM	0	134	517	125797
10/30/19 5:30 AM	0	133	516	125797
10/30/19 6:00 AM	0	133	516	125797
10/30/19 6:30 AM	0	133	516	125797
10/30/19 7:00 AM	0	132	516	125797
10/30/19 7:30 AM	0	132	516	125797
10/30/19 8:00 AM	0	131	517	125797
10/30/19 8:30 AM	0	131	519	125797
10/30/19 9:00 AM	0	130	519	125797
10/30/19 9:30 AM	0	130	519	125797
10/30/19 10:00 AM	0	129	519	125797
10/30/19 10:30 AM	0	129	519	125797
10/30/19 11:00 AM	0	129	519	125797
10/30/19 11:30 AM	0	129	519	125797
10/30/19 12:00 PM	0	129	518	125797
10/30/19 12:30 PM	0	128	518	125797
10/30/19 1:00 PM	0	128	518	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
10/30/19 1:30 PM	0	128	518	125797
10/30/19 2:00 PM	0	128	518	125797
10/30/19 2:30 PM	0	128	518	125797
10/30/19 3:00 PM	0	128	518	125797
10/30/19 3:30 PM	0	129	518	125797
10/30/19 4:00 PM	0	129	518	125797
10/30/19 4:30 PM	0	129	518	125797
10/30/19 5:00 PM	0	129	518	125797
10/30/19 5:30 PM	0	129	518	125797
10/30/19 6:00 PM	0	129	518	125797
10/30/19 6:30 PM	0	129	518	125797
10/30/19 7:00 PM	0	129	518	125797
10/30/19 7:30 PM	0	129	518	125797
10/30/19 8:00 PM	0	128	518	125797
10/30/19 8:30 PM	0	128	517	125797
10/30/19 9:00 PM	0	128	517	125797
10/30/19 9:30 PM	0	128	517	125797
10/30/19 10:00 PM	0	128	517	125797
10/30/19 10:30 PM	0	128	517	125797
10/30/19 11:00 PM	0	128	517	125797
10/30/19 11:30 PM	0	127	516	125797
10/31/19 12:00 AM	0	127	516	125797
10/31/19 12:30 AM	0	127	516	125797
10/31/19 1:00 AM	0	126	516	125797
10/31/19 1:30 AM	0	126	516	125797
10/31/19 2:00 AM	0	125	516	125797
10/31/19 2:30 AM	0	125	515	125797
10/31/19 3:00 AM	0	124	516	125797
10/31/19 3:30 AM	0	123	515	125797
10/31/19 4:00 AM	0	123	515	125797
10/31/19 4:30 AM	0	122	515	125797
10/31/19 5:00 AM	0	121	515	125797
10/31/19 5:30 AM	0	120	515	125797
10/31/19 6:00 AM	0	120	515	125797
10/31/19 6:30 AM	0	119	515	125797
10/31/19 7:00 AM	0	118	515	125797
10/31/19 7:30 AM	0	117	515	125797
10/31/19 8:00 AM	0	116	516	125797
10/31/19 8:30 AM	0	115	519	125797
10/31/19 9:00 AM	0	114	518	125797
10/31/19 9:30 AM	0	114	519	125797
10/31/19 10:00 AM	0	113	518	125797
10/31/19 10:30 AM	0	113	518	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
10/31/19 11:00 AM	0	112	518	125797
10/31/19 11:30 AM	0	112	518	125797
10/31/19 12:00 PM	0	112	518	125797
10/31/19 12:30 PM	0	112	518	125797
10/31/19 1:00 PM	0	112	518	125797
10/31/19 1:30 PM	0	112	518	125797
10/31/19 2:00 PM	0	112	518	125797
10/31/19 2:30 PM	0	112	518	125797
10/31/19 3:00 PM	0	112	518	125797
10/31/19 3:30 PM	0	113	517	125797
10/31/19 4:00 PM	0	113	517	125797
10/31/19 4:30 PM	0	113	517	125797
10/31/19 5:00 PM	0	113	517	125797
10/31/19 5:30 PM	0	113	517	125797
10/31/19 6:00 PM	0	113	517	125797
10/31/19 6:30 PM	0	113	517	125797
10/31/19 7:00 PM	0	113	517	125797
10/31/19 7:30 PM	0	113	517	125797
10/31/19 8:00 PM	0	113	517	125797
10/31/19 8:30 PM	0	113	517	125797
10/31/19 9:00 PM	0	112	517	125797
10/31/19 9:30 PM	0	112	517	125797
10/31/19 10:00 PM	0	112	517	125797
10/31/19 10:30 PM	0	112	517	125797
10/31/19 11:00 PM	0	112	517	125797
10/31/19 11:30 PM	0	112	516	125797
11/1/19 12:00 AM	0	112	516	125797
11/1/19 12:30 AM	0	112	516	125797
11/1/19 1:00 AM	0	112	516	125797
11/1/19 1:30 AM	0	112	516	125797
11/1/19 2:00 AM	0	112	516	125797
11/1/19 2:30 AM	0	111	516	125797
11/1/19 3:00 AM	0	111	516	125797
11/1/19 3:30 AM	0	111	515	125797
11/1/19 4:00 AM	0	110	515	125797
11/1/19 4:30 AM	0	110	515	125797
11/1/19 5:00 AM	0	109	515	125797
11/1/19 5:30 AM	0	109	515	125797
11/1/19 6:00 AM	0	108	515	125797
11/1/19 6:30 AM	0	108	515	125797
11/1/19 7:00 AM	0	107	515	125797
11/1/19 7:30 AM	0	107	515	125797
11/1/19 8:00 AM	0	106	516	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/1/19 8:30 AM	0	106	518	125797
11/1/19 9:00 AM	0	105	518	125797
11/1/19 9:30 AM	0	105	518	125797
11/1/19 10:00 AM	0	105	518	125797
11/1/19 10:30 AM	0	104	517	125797
11/1/19 11:00 AM	0	104	517	125797
11/1/19 11:30 AM	0	104	518	125797
11/1/19 12:00 PM	0	104	517	125797
11/1/19 12:30 PM	0	104	517	125797
11/1/19 1:00 PM	0	104	517	125797
11/1/19 1:30 PM	0	105	517	125797
11/1/19 2:00 PM	0	105	517	125797
11/1/19 2:30 PM	0	105	517	125797
11/1/19 3:00 PM	0	105	517	125797
11/1/19 3:30 PM	0	105	517	125797
11/1/19 4:00 PM	0	105	517	125797
11/1/19 4:30 PM	0	105	517	125797
11/1/19 5:00 PM	0	105	517	125797
11/1/19 5:30 PM	0	105	517	125797
11/1/19 6:00 PM	0	105	516	125797
11/1/19 6:30 PM	0	105	516	125797
11/1/19 7:00 PM	0	105	516	125797
11/1/19 7:30 PM	0	105	517	125797
11/1/19 8:00 PM	0	105	517	125797
11/1/19 8:30 PM	0	105	517	125797
11/1/19 9:00 PM	0	105	517	125797
11/1/19 9:30 PM	0	105	517	125797
11/1/19 10:00 PM	0	105	517	125797
11/1/19 10:30 PM	0	105	517	125797
11/1/19 11:00 PM	0	105	516	125797
11/1/19 11:30 PM	0	105	516	125797
11/2/19 12:00 AM	0	105	516	125797
11/2/19 12:30 AM	0	105	516	125797
11/2/19 1:00 AM	0	105	516	125797
11/2/19 1:30 AM	0	105	516	125797
11/2/19 2:00 AM	0	105	516	125797
11/2/19 2:30 AM	0	105	516	125797
11/2/19 3:00 AM	0	104	516	125797
11/2/19 3:30 AM	0	104	516	125797
11/2/19 4:00 AM	0	104	516	125797
11/2/19 4:30 AM	0	104	516	125797
11/2/19 5:00 AM	0	104	516	125797
11/2/19 5:30 AM	0	104	516	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/2/19 6:00 AM	0	104	516	125797
11/2/19 6:30 AM	0	103	516	125797
11/2/19 7:00 AM	0	103	516	125797
11/2/19 7:30 AM	0	103	516	125797
11/2/19 8:00 AM	0	102	516	125797
11/2/19 8:30 AM	0	102	517	125797
11/2/19 9:00 AM	0	102	517	125797
11/2/19 9:30 AM	0	101	517	125797
11/2/19 10:00 AM	0	101	517	125797
11/2/19 10:30 AM	0	101	517	125797
11/2/19 11:00 AM	0	101	517	125797
11/2/19 11:30 AM	0	101	517	125797
11/2/19 12:00 PM	0	101	517	125797
11/2/19 12:30 PM	0	101	517	125797
11/2/19 1:00 PM	0	101	517	125797
11/2/19 1:30 PM	0	101	516	125797
11/2/19 2:00 PM	0	102	516	125797
11/2/19 2:30 PM	0	102	516	125797
11/2/19 3:00 PM	0	102	516	125797
11/2/19 3:30 PM	0	102	516	125797
11/2/19 4:00 PM	0	102	516	125797
11/2/19 4:30 PM	0	102	516	125797
11/2/19 5:00 PM	0	102	516	125797
11/2/19 5:30 PM	0	102	516	125797
11/2/19 6:00 PM	0	102	516	125797
11/2/19 6:30 PM	0	102	516	125797
11/2/19 7:00 PM	0	102	516	125797
11/2/19 7:30 PM	0	102	516	125797
11/2/19 8:00 PM	0	102	516	125797
11/2/19 8:30 PM	0	102	516	125797
11/2/19 9:00 PM	0	102	516	125797
11/2/19 9:30 PM	0	102	516	125797
11/2/19 10:00 PM	0	102	516	125797
11/2/19 10:30 PM	0	102	516	125797
11/2/19 11:00 PM	0	102	516	125797
11/2/19 11:30 PM	0	102	516	125797
11/3/19 12:00 AM	0	102	516	125797
11/3/19 12:30 AM	0	102	516	125797
11/3/19 1:00 AM	0	102	516	125797
11/3/19 1:30 AM	0	102	516	125797
11/3/19 2:00 AM	0	101	516	125797
11/3/19 2:30 AM	0	101	516	125797
11/3/19 3:00 AM	0	101	516	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/3/19 3:30 AM	0	101	516	125797
11/3/19 4:00 AM	0	101	516	125797
11/3/19 4:30 AM	0	101	515	125797
11/3/19 5:00 AM	0	101	515	125797
11/3/19 5:30 AM	0	101	515	125797
11/3/19 6:00 AM	0	101	515	125797
11/3/19 6:30 AM	0	101	515	125797
11/3/19 7:00 AM	0	100	515	125797
11/3/19 7:30 AM	0	100	515	125797
11/3/19 8:00 AM	0	100	515	125797
11/3/19 8:30 AM	0	99	516	125797
11/3/19 9:00 AM	0	99	516	125797
11/3/19 9:30 AM	0	99	516	125797
11/3/19 10:00 AM	0	99	516	125797
11/3/19 10:30 AM	0	99	516	125797
11/3/19 11:00 AM	0	99	516	125797
11/3/19 11:30 AM	0	99	516	125797
11/3/19 12:00 PM	0	99	516	125797
11/3/19 12:30 PM	0	99	516	125797
11/3/19 1:00 PM	0	99	516	125797
11/3/19 1:30 PM	0	99	516	125797
11/3/19 2:00 PM	0	99	516	125797
11/3/19 2:30 PM	0	99	516	125797
11/3/19 3:00 PM	0	99	515	125797
11/3/19 3:30 PM	0	99	515	125797
11/3/19 4:00 PM	0	100	515	125797
11/3/19 4:30 PM	0	100	515	125797
11/3/19 5:00 PM	0	100	515	125797
11/3/19 5:30 PM	0	100	515	125797
11/3/19 6:00 PM	0	100	515	125797
11/3/19 6:30 PM	0	100	515	125797
11/3/19 7:00 PM	0	100	515	125797
11/3/19 7:30 PM	0	100	515	125797
11/3/19 8:00 PM	0	100	515	125797
11/3/19 8:30 PM	0	100	515	125797
11/3/19 9:00 PM	0	100	515	125797
11/3/19 9:30 PM	0	99	515	125797
11/3/19 10:00 PM	0	99	515	125797
11/3/19 10:30 PM	0	99	515	125797
11/3/19 11:00 PM	0	99	515	125797
11/3/19 11:30 PM	0	99	515	125797
11/4/19 12:00 AM	0	99	515	125797
11/4/19 12:30 AM	0	99	515	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/4/19 1:00 AM	0	99	515	125797
11/4/19 1:30 AM	0	99	515	125797
11/4/19 2:00 AM	0	99	515	125797
11/4/19 2:30 AM	0	99	515	125797
11/4/19 3:00 AM	0	99	515	125797
11/4/19 3:30 AM	0	99	515	125797
11/4/19 4:00 AM	0	99	515	125797
11/4/19 4:30 AM	0	99	515	125797
11/4/19 5:00 AM	0	99	515	125797
11/4/19 5:30 AM	0	99	515	125797
11/4/19 6:00 AM	0	99	515	125797
11/4/19 6:30 AM	0	99	515	125797
11/4/19 7:00 AM	0	99	515	125797
11/4/19 7:30 AM	0	98	515	125797
11/4/19 8:00 AM	0	98	515	125797
11/4/19 8:30 AM	0	98	516	125797
11/4/19 9:00 AM	0	98	516	125797
11/4/19 9:30 AM	0	98	516	125797
11/4/19 10:00 AM	0	98	516	125797
11/4/19 10:30 AM	0	98	516	125797
11/4/19 11:00 AM	0	98	516	125797
11/4/19 11:30 AM	0	98	516	125797
11/4/19 12:00 PM	0	98	515	125797
11/4/19 12:30 PM	0	98	515	125797
11/4/19 1:00 PM	0	98	515	125797
11/4/19 1:30 PM	0	98	515	125797
11/4/19 2:00 PM	0	98	515	125797
11/4/19 2:30 PM	0	98	515	125797
11/4/19 3:00 PM	0	98	515	125797
11/4/19 3:30 PM	0	98	515	125797
11/4/19 4:00 PM	0	98	515	125797
11/4/19 4:30 PM	0	98	515	125797
11/4/19 5:00 PM	0	98	515	125797
11/4/19 5:30 PM	0	98	515	125797
11/4/19 6:00 PM	0	98	514	125797
11/4/19 6:30 PM	0	98	515	125797
11/4/19 7:00 PM	0	98	515	125797
11/4/19 7:30 PM	0	98	515	125797
11/4/19 8:00 PM	0	98	515	125797
11/4/19 8:30 PM	0	98	515	125797
11/4/19 9:00 PM	0	98	515	125797
11/4/19 9:30 PM	0	98	515	125797
11/4/19 10:00 PM	0	98	515	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/4/19 10:30 PM	0	98	515	125797
11/4/19 11:00 PM	0	98	515	125797
11/4/19 11:30 PM	0	98	515	125797
11/5/19 12:00 AM	0	98	515	125797
11/5/19 12:30 AM	0	98	515	125797
11/5/19 1:00 AM	0	98	515	125797
11/5/19 1:30 AM	0	98	515	125797
11/5/19 2:00 AM	0	98	515	125797
11/5/19 2:30 AM	0	98	515	125797
11/5/19 3:00 AM	0	98	514	125797
11/5/19 3:30 AM	0	98	514	125797
11/5/19 4:00 AM	0	98	514	125797
11/5/19 4:30 AM	0	98	514	125797
11/5/19 5:00 AM	0	98	514	125797
11/5/19 5:30 AM	0	98	514	125797
11/5/19 6:00 AM	0	98	514	125797
11/5/19 6:30 AM	0	98	514	125797
11/5/19 7:00 AM	0	98	514	125797
11/5/19 7:30 AM	0	98	514	125797
11/5/19 8:00 AM	0	98	514	125797
11/5/19 8:30 AM	0	98	515	125797
11/5/19 9:00 AM	0	98	515	125797
11/5/19 9:30 AM	0	98	515	125797
11/5/19 10:00 AM	0	98	515	125797
11/5/19 10:30 AM	0	98	515	125797
11/5/19 11:00 AM	0	98	515	125797
11/5/19 11:30 AM	0	98	515	125797
11/5/19 12:00 PM	0	98	515	125797
11/5/19 12:30 PM	0	98	515	125797
11/5/19 1:00 PM	0	98	515	125797
11/5/19 1:30 PM	0	98	515	125797
11/5/19 2:00 PM	0	98	514	125797
11/5/19 2:30 PM	0	98	514	125797
11/5/19 3:00 PM	0	98	514	125797
11/5/19 3:30 PM	0	98	514	125797
11/5/19 4:00 PM	0	98	514	125797
11/5/19 4:30 PM	0	98	514	125797
11/5/19 5:00 PM	0	98	514	125797
11/5/19 5:30 PM	0	98	514	125797
11/5/19 6:00 PM	0	98	514	125797
11/5/19 6:30 PM	0	98	514	125797
11/5/19 7:00 PM	0	98	514	125797
11/5/19 7:30 PM	0	98	514	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/5/19 8:00 PM	0	98	514	125797
11/5/19 8:30 PM	0	98	514	125797
11/5/19 9:00 PM	0	98	514	125797
11/5/19 9:30 PM	0	98	514	125797
11/5/19 10:00 PM	0	98	514	125797
11/5/19 10:30 PM	0	98	514	125797
11/5/19 11:00 PM	0	98	514	125797
11/5/19 11:30 PM	0	98	514	125797
11/6/19 12:00 AM	0	98	514	125797
11/6/19 12:30 AM	0	98	514	125797
11/6/19 1:00 AM	0	98	514	125797
11/6/19 1:30 AM	0	98	514	125797
11/6/19 2:00 AM	0	98	514	125797
11/6/19 2:30 AM	0	98	514	125797
11/6/19 3:00 AM	0	98	514	125797
11/6/19 3:30 AM	0	98	514	125797
11/6/19 4:00 AM	0	98	514	125797
11/6/19 4:30 AM	0	98	514	125797
11/6/19 5:00 AM	0	98	514	125797
11/6/19 5:30 AM	0	98	514	125797
11/6/19 6:00 AM	0	98	514	125797
11/6/19 6:30 AM	0	98	514	125797
11/6/19 7:00 AM	0	98	514	125797
11/6/19 7:30 AM	0	98	514	125797
11/6/19 8:00 AM	0	98	514	125797
11/6/19 8:30 AM	0	98	514	125797
11/6/19 9:00 AM	0	98	515	125797
11/6/19 9:30 AM	0	98	514	125797
11/6/19 10:00 AM	0	98	514	125797
11/6/19 10:30 AM	0	98	514	125797
11/6/19 11:00 AM	0	98	514	125797
11/6/19 11:30 AM	0	98	514	125797
11/6/19 12:00 PM	0	98	514	125797
11/6/19 12:30 PM	0	98	514	125797
11/6/19 1:00 PM	0	98	514	125797
11/6/19 1:30 PM	0	98	514	125797
11/6/19 2:00 PM	0	98	514	125797
11/6/19 2:30 PM	0	98	514	125797
11/6/19 3:00 PM	0	98	514	125797
11/6/19 3:30 PM	0	98	514	125797
11/6/19 4:00 PM	0	98	514	125797
11/6/19 4:30 PM	0	98	514	125797
11/6/19 5:00 PM	0	98	514	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/6/19 5:30 PM	0	98	514	125797
11/6/19 6:00 PM	0	98	514	125797
11/6/19 6:30 PM	0	98	514	125797
11/6/19 7:00 PM	0	98	514	125797
11/6/19 7:30 PM	0	98	514	125797
11/6/19 8:00 PM	0	98	514	125797
11/6/19 8:30 PM	0	98	514	125797
11/6/19 9:00 PM	0	98	514	125797
11/6/19 9:30 PM	0	98	514	125797
11/6/19 10:00 PM	0	98	514	125797
11/6/19 10:30 PM	0	98	514	125797
11/6/19 11:00 PM	0	98	514	125797
11/6/19 11:30 PM	0	98	514	125797
11/7/19 12:00 AM	0	98	514	125797
11/7/19 12:30 AM	0	98	514	125797
11/7/19 1:00 AM	0	98	514	125797
11/7/19 1:30 AM	0	98	514	125797
11/7/19 2:00 AM	0	98	514	125797
11/7/19 2:30 AM	0	98	513	125797
11/7/19 3:00 AM	0	98	514	125797
11/7/19 3:30 AM	0	98	513	125797
11/7/19 4:00 AM	0	98	513	125797
11/7/19 4:30 AM	0	98	513	125797
11/7/19 5:00 AM	0	98	513	125797
11/7/19 5:30 AM	0	98	513	125797
11/7/19 6:00 AM	0	98	513	125797
11/7/19 6:30 AM	0	98	513	125797
11/7/19 7:00 AM	0	98	513	125797
11/7/19 7:30 AM	0	98	513	125797
11/7/19 8:00 AM	0	98	513	125797
11/7/19 8:30 AM	0	98	514	125797
11/7/19 9:00 AM	0	98	514	125797
11/7/19 9:30 AM	0	98	514	125797
11/7/19 10:00 AM	0	98	514	125797
11/7/19 10:30 AM	0	98	514	125797
11/7/19 11:00 AM	0	98	514	125797
11/7/19 11:30 AM	0	98	514	125797
11/7/19 12:00 PM	0	98	513	125797
11/7/19 12:30 PM	0	98	513	125797
11/7/19 1:00 PM	0	98	513	125797
11/7/19 1:30 PM	0	98	513	125797
11/7/19 2:00 PM	0	98	513	125797
11/7/19 2:30 PM	0	98	513	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/7/19 3:00 PM	0	98	513	125797
11/7/19 3:30 PM	0	98	513	125797
11/7/19 4:00 PM	0	98	513	125797
11/7/19 4:30 PM	0	98	513	125797
11/7/19 5:00 PM	0	98	513	125797
11/7/19 5:30 PM	0	98	513	125797
11/7/19 6:00 PM	0	98	513	125797
11/7/19 6:30 PM	0	98	513	125797
11/7/19 7:00 PM	0	98	513	125797
11/7/19 7:30 PM	0	98	513	125797
11/7/19 8:00 PM	0	98	513	125797
11/7/19 8:30 PM	0	98	513	125797
11/7/19 9:00 PM	0	98	513	125797
11/7/19 9:30 PM	0	98	513	125797
11/7/19 10:00 PM	0	98	513	125797
11/7/19 10:30 PM	0	98	513	125797
11/7/19 11:00 PM	0	98	513	125797
11/7/19 11:30 PM	0	98	513	125797
11/8/19 12:00 AM	0	98	513	125797
11/8/19 12:30 AM	0	98	513	125797
11/8/19 1:00 AM	0	98	513	125797
11/8/19 1:30 AM	0	98	513	125797
11/8/19 2:00 AM	0	98	513	125797
11/8/19 2:30 AM	0	98	513	125797
11/8/19 3:00 AM	0	98	513	125797
11/8/19 3:30 AM	0	98	513	125797
11/8/19 4:00 AM	0	98	513	125797
11/8/19 4:30 AM	0	98	513	125797
11/8/19 5:00 AM	0	98	513	125797
11/8/19 5:30 AM	0	98	512	125797
11/8/19 6:00 AM	0	98	512	125797
11/8/19 6:30 AM	0	98	512	125797
11/8/19 7:00 AM	0	98	512	125797
11/8/19 7:30 AM	0	98	512	125797
11/8/19 8:00 AM	0	98	512	125797
11/8/19 8:30 AM	0	98	513	125797
11/8/19 9:00 AM	0	98	514	125797
11/8/19 9:30 AM	0	98	514	125797
11/8/19 10:00 AM	0	98	513	125797
11/8/19 10:30 AM	0	98	513	125797
11/8/19 11:00 AM	0	98	513	125797
11/8/19 11:30 AM	0	98	513	125797
11/8/19 12:00 PM	0	98	513	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/8/19 12:30 PM	0	98	513	125797
11/8/19 1:00 PM	0	98	513	125797
11/8/19 1:30 PM	0	98	513	125797
11/8/19 2:00 PM	0	98	513	125797
11/8/19 2:30 PM	0	98	513	125797
11/8/19 3:00 PM	0	98	513	125797
11/8/19 3:30 PM	0	98	513	125797
11/8/19 4:00 PM	0	98	512	125797
11/8/19 4:30 PM	0	98	512	125797
11/8/19 5:00 PM	0	98	513	125797
11/8/19 5:30 PM	0	98	512	125797
11/8/19 6:00 PM	0	98	512	125797
11/8/19 6:30 PM	0	98	512	125797
11/8/19 7:00 PM	0	98	512	125797
11/8/19 7:30 PM	0	98	512	125797
11/8/19 8:00 PM	0	98	513	125797
11/8/19 8:30 PM	0	98	513	125797
11/8/19 9:00 PM	0	98	513	125797
11/8/19 9:30 PM	0	98	513	125797
11/8/19 10:00 PM	0	98	513	125797
11/8/19 10:30 PM	0	98	512	125797
11/8/19 11:00 PM	0	98	513	125797
11/8/19 11:30 PM	0	98	512	125797
11/9/19 12:00 AM	0	98	512	125797
11/9/19 12:30 AM	0	98	512	125797
11/9/19 1:00 AM	0	98	512	125797
11/9/19 1:30 AM	0	98	512	125797
11/9/19 2:00 AM	0	98	512	125797
11/9/19 2:30 AM	0	98	512	125797
11/9/19 3:00 AM	0	98	512	125797
11/9/19 3:30 AM	0	98	512	125797
11/9/19 4:00 AM	0	98	512	125797
11/9/19 4:30 AM	0	98	512	125797
11/9/19 5:00 AM	0	98	512	125797
11/9/19 5:30 AM	0	98	512	125797
11/9/19 6:00 AM	0	98	512	125797
11/9/19 6:30 AM	0	98	512	125797
11/9/19 7:00 AM	0	98	512	125797
11/9/19 7:30 AM	0	98	512	125797
11/9/19 8:00 AM	0	98	512	125797
11/9/19 8:30 AM	0	98	513	125797
11/9/19 9:00 AM	0	98	513	125797
11/9/19 9:30 AM	0	98	513	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/9/19 10:00 AM	0	98	513	125797
11/9/19 10:30 AM	0	98	513	125797
11/9/19 11:00 AM	0	98	512	125797
11/9/19 11:30 AM	0	98	512	125797
11/9/19 12:00 PM	0	98	513	125797
11/9/19 12:30 PM	0	98	513	125797
11/9/19 1:00 PM	0	98	512	125797
11/9/19 1:30 PM	0	98	512	125797
11/9/19 2:00 PM	0	98	512	125797
11/9/19 2:30 PM	0	98	512	125797
11/9/19 3:00 PM	0	98	512	125797
11/9/19 3:30 PM	0	98	512	125797
11/9/19 4:00 PM	0	98	512	125797
11/9/19 4:30 PM	0	99	512	125797
11/9/19 5:00 PM	0	99	512	125797
11/9/19 5:30 PM	0	99	512	125797
11/9/19 6:00 PM	0	99	512	125797
11/9/19 6:30 PM	0	99	512	125797
11/9/19 7:00 PM	0	99	512	125797
11/9/19 7:30 PM	0	98	512	125797
11/9/19 8:00 PM	0	99	512	125797
11/9/19 8:30 PM	0	99	512	125797
11/9/19 9:00 PM	0	98	512	125797
11/9/19 9:30 PM	0	98	512	125797
11/9/19 10:00 PM	0	98	512	125797
11/9/19 10:30 PM	0	98	512	125797
11/9/19 11:00 PM	0	98	512	125797
11/9/19 11:30 PM	0	98	512	125797
11/10/19 12:00 AM	0	98	512	125797
11/10/19 12:30 AM	0	98	512	125797
11/10/19 1:00 AM	0	98	512	125797
11/10/19 1:30 AM	0	98	512	125797
11/10/19 2:00 AM	0	98	512	125797
11/10/19 2:30 AM	0	98	512	125797
11/10/19 3:00 AM	0	98	512	125797
11/10/19 3:30 AM	0	98	512	125797
11/10/19 4:00 AM	0	98	512	125797
11/10/19 4:30 AM	0	98	512	125797
11/10/19 5:00 AM	0	98	512	125797
11/10/19 5:30 AM	0	98	512	125797
11/10/19 6:00 AM	0	98	512	125797
11/10/19 6:30 AM	0	98	511	125797
11/10/19 7:00 AM	0	98	511	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/10/19 7:30 AM	0	98	511	125797
11/10/19 8:00 AM	0	98	511	125797
11/10/19 8:30 AM	0	98	512	125797
11/10/19 9:00 AM	0	98	512	125797
11/10/19 9:30 AM	0	98	512	125797
11/10/19 10:00 AM	0	98	512	125797
11/10/19 10:30 AM	0	98	512	125797
11/10/19 11:00 AM	0	98	512	125797
11/10/19 11:30 AM	0	98	512	125797
11/10/19 12:00 PM	0	98	511	125797
11/10/19 12:30 PM	0	98	512	125797
11/10/19 1:00 PM	0	98	512	125797
11/10/19 1:30 PM	0	98	512	125797
11/10/19 2:00 PM	0	98	512	125797
11/10/19 2:30 PM	0	98	512	125797
11/10/19 3:00 PM	0	98	512	125797
11/10/19 3:30 PM	0	99	512	125797
11/10/19 4:00 PM	0	99	512	125797
11/10/19 4:30 PM	0	99	511	125797
11/10/19 5:00 PM	0	99	511	125797
11/10/19 5:30 PM	0	99	511	125797
11/10/19 6:00 PM	0	99	511	125797
11/10/19 6:30 PM	0	99	511	125797
11/10/19 7:00 PM	0	99	511	125797
11/10/19 7:30 PM	0	99	511	125797
11/10/19 8:00 PM	0	99	512	125797
11/10/19 8:30 PM	0	98	512	125797
11/10/19 9:00 PM	0	99	511	125797
11/10/19 9:30 PM	0	98	512	125797
11/10/19 10:00 PM	0	98	511	125797
11/10/19 10:30 PM	0	98	511	125797
11/10/19 11:00 PM	0	98	511	125797
11/10/19 11:30 PM	0	98	511	125797
11/11/19 12:00 AM	0	98	511	125797
11/11/19 12:30 AM	0	98	511	125797
11/11/19 1:00 AM	0	98	511	125797
11/11/19 1:30 AM	0	98	511	125797
11/11/19 2:00 AM	0	98	511	125797
11/11/19 2:30 AM	0	98	511	125797
11/11/19 3:00 AM	0	98	511	125797
11/11/19 3:30 AM	0	98	511	125797
11/11/19 4:00 AM	0	98	511	125797
11/11/19 4:30 AM	0	98	511	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/11/19 5:00 AM	0	98	511	125797
11/11/19 5:30 AM	0	98	511	125797
11/11/19 6:00 AM	0	98	511	125797
11/11/19 6:30 AM	0	98	511	125797
11/11/19 7:00 AM	0	98	511	125797
11/11/19 7:30 AM	0	98	511	125797
11/11/19 8:00 AM	0	98	511	125797
11/11/19 8:30 AM	0	98	512	125797
11/11/19 9:00 AM	0	98	512	125797
11/11/19 9:30 AM	0	98	512	125797
11/11/19 10:00 AM	0	98	512	125797
11/11/19 10:30 AM	0	98	512	125797
11/11/19 11:00 AM	0	98	512	125797
11/11/19 11:30 AM	0	98	511	125797
11/11/19 12:00 PM	0	98	511	125797
11/11/19 12:30 PM	0	98	511	125797
11/11/19 1:00 PM	0	98	511	125797
11/11/19 1:30 PM	0	98	511	125797
11/11/19 2:00 PM	0	98	511	125797
11/11/19 2:30 PM	0	98	511	125797
11/11/19 3:00 PM	0	98	511	125797
11/11/19 3:30 PM	0	99	511	125797
11/11/19 4:00 PM	0	98	511	125797
11/11/19 4:30 PM	0	99	511	125797
11/11/19 5:00 PM	0	99	511	125797
11/11/19 5:30 PM	0	99	511	125797
11/11/19 6:00 PM	0	99	511	125797
11/11/19 6:30 PM	0	99	511	125797
11/11/19 7:00 PM	0	99	511	125797
11/11/19 7:30 PM	0	99	511	125797
11/11/19 8:00 PM	0	99	511	125797
11/11/19 8:30 PM	0	98	511	125797
11/11/19 9:00 PM	0	99	511	125797
11/11/19 9:30 PM	0	98	511	125797
11/11/19 10:00 PM	0	98	511	125797
11/11/19 10:30 PM	0	98	511	125797
11/11/19 11:00 PM	0	98	511	125797
11/11/19 11:30 PM	0	98	511	125797
11/12/19 12:00 AM	0	98	511	125797
11/12/19 12:30 AM	0	98	511	125797
11/12/19 1:00 AM	0	98	511	125797
11/12/19 1:30 AM	0	98	511	125797
11/12/19 2:00 AM	0	98	511	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/12/19 2:30 AM	0	98	511	125797
11/12/19 3:00 AM	0	98	511	125797
11/12/19 3:30 AM	0	98	511	125797
11/12/19 4:00 AM	0	98	511	125797
11/12/19 4:30 AM	0	98	511	125797
11/12/19 5:00 AM	0	98	510	125797
11/12/19 5:30 AM	0	98	510	125797
11/12/19 6:00 AM	0	98	510	125797
11/12/19 6:30 AM	0	98	510	125797
11/12/19 7:00 AM	0	98	510	125797
11/12/19 7:30 AM	0	98	510	125797
11/12/19 8:00 AM	0	98	510	125797
11/12/19 8:30 AM	0	98	511	125797
11/12/19 9:00 AM	0	98	511	125797
11/12/19 9:30 AM	0	98	511	125797
11/12/19 10:00 AM	0	98	511	125797
11/12/19 10:30 AM	0	98	511	125797
11/12/19 11:00 AM	0	98	511	125797
11/12/19 11:30 AM	0	98	511	125797
11/12/19 12:00 PM	0	98	511	125797
11/12/19 12:30 PM	0	98	511	125797
11/12/19 1:00 PM	0	98	511	125797
11/12/19 1:30 PM	0	98	511	125797
11/12/19 2:00 PM	0	98	510	125797
11/12/19 2:30 PM	0	98	510	125797
11/12/19 3:00 PM	0	98	510	125797
11/12/19 3:30 PM	0	99	510	125797
11/12/19 4:00 PM	0	99	510	125797
11/12/19 4:30 PM	0	99	510	125797
11/12/19 5:00 PM	0	99	510	125797
11/12/19 5:30 PM	0	99	510	125797
11/12/19 6:00 PM	0	99	510	125797
11/12/19 6:30 PM	0	99	510	125797
11/12/19 7:00 PM	0	99	510	125797
11/12/19 7:30 PM	0	99	510	125797
11/12/19 8:00 PM	0	98	510	125797
11/12/19 8:30 PM	0	98	510	125797
11/12/19 9:00 PM	0	98	510	125797
11/12/19 9:30 PM	0	98	510	125797
11/12/19 10:00 PM	0	98	510	125797
11/12/19 10:30 PM	0	98	510	125797
11/12/19 11:00 PM	0	98	510	125797
11/12/19 11:30 PM	0	98	510	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/13/19 12:00 AM	0	98	510	125797
11/13/19 12:30 AM	0	98	510	125797
11/13/19 1:00 AM	0	98	510	125797
11/13/19 1:30 AM	0	98	510	125797
11/13/19 2:00 AM	0	98	510	125797
11/13/19 2:30 AM	0	98	510	125797
11/13/19 3:00 AM	0	98	510	125797
11/13/19 3:30 AM	0	98	510	125797
11/13/19 4:00 AM	0	98	510	125797
11/13/19 4:30 AM	0	98	510	125797
11/13/19 5:00 AM	0	98	510	125797
11/13/19 5:30 AM	0	98	510	125797
11/13/19 6:00 AM	0	98	510	125797
11/13/19 6:30 AM	0	98	510	125797
11/13/19 7:00 AM	0	98	510	125797
11/13/19 7:30 AM	0	98	510	125797
11/13/19 8:00 AM	0	98	510	125797
11/13/19 8:30 AM	0	98	511	125797
11/13/19 9:00 AM	0	98	511	125797
11/13/19 9:30 AM	0	98	511	125797
11/13/19 10:00 AM	0	98	511	125797
11/13/19 10:30 AM	0	98	510	125797
11/13/19 11:00 AM	0	98	510	125797
11/13/19 11:30 AM	0	98	510	125797
11/13/19 12:00 PM	0	98	510	125797
11/13/19 12:30 PM	0	98	510	125797
11/13/19 1:00 PM	0	98	510	125797
11/13/19 1:30 PM	0	98	510	125797
11/13/19 2:00 PM	0	98	510	125797
11/13/19 2:30 PM	0	98	510	125797
11/13/19 3:00 PM	0	98	510	125797
11/13/19 3:30 PM	0	98	510	125797
11/13/19 4:00 PM	0	98	510	125797
11/13/19 4:30 PM	0	98	510	125797
11/13/19 5:00 PM	0	99	510	125797
11/13/19 5:30 PM	0	98	510	125797
11/13/19 6:00 PM	0	98	510	125797
11/13/19 6:30 PM	0	98	510	125797
11/13/19 7:00 PM	0	99	510	125797
11/13/19 7:30 PM	0	99	510	125797
11/13/19 8:00 PM	0	98	510	125797
11/13/19 8:30 PM	0	98	510	125797
11/13/19 9:00 PM	0	98	510	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/13/19 9:30 PM	0	98	510	125797
11/13/19 10:00 PM	0	98	510	125797
11/13/19 10:30 PM	0	98	510	125797
11/13/19 11:00 PM	0	98	510	125797
11/13/19 11:30 PM	0	98	510	125797
11/14/19 12:00 AM	0	98	510	125797
11/14/19 12:30 AM	0	98	510	125797
11/14/19 1:00 AM	0	98	510	125797
11/14/19 1:30 AM	0	98	510	125797
11/14/19 2:00 AM	0	98	510	125797
11/14/19 2:30 AM	0	98	510	125797
11/14/19 3:00 AM	0	98	510	125797
11/14/19 3:30 AM	0	98	509	125797
11/14/19 4:00 AM	0	98	509	125797
11/14/19 4:30 AM	0	98	510	125797
11/14/19 5:00 AM	0	98	509	125797
11/14/19 5:30 AM	0	98	509	125797
11/14/19 6:00 AM	0	98	509	125797
11/14/19 6:30 AM	0	98	509	125797
11/14/19 7:00 AM	0	98	509	125797
11/14/19 7:30 AM	0	98	509	125797
11/14/19 8:00 AM	0	98	509	125797
11/14/19 8:30 AM	0	98	510	125797
11/14/19 9:00 AM	0	98	510	125797
11/14/19 9:30 AM	0	98	510	125797
11/14/19 10:00 AM	0	98	510	125797
11/14/19 10:30 AM	0	98	510	125797
11/14/19 11:00 AM	0	98	510	125797
11/14/19 11:30 AM	0	98	510	125797
11/14/19 12:00 PM	0	98	510	125797
11/14/19 12:30 PM	0	98	510	125797
11/14/19 1:00 PM	0	98	510	125797
11/14/19 1:30 PM	0	98	509	125797
11/14/19 2:00 PM	0	98	509	125797
11/14/19 2:30 PM	0	98	509	125797
11/14/19 3:00 PM	0	99	509	125797
11/14/19 3:30 PM	0	99	509	125797
11/14/19 4:00 PM	0	99	509	125797
11/14/19 4:30 PM	0	99	509	125797
11/14/19 5:00 PM	0	99	509	125797
11/14/19 5:30 PM	0	99	509	125797
11/14/19 6:00 PM	0	99	509	125797
11/14/19 6:30 PM	0	99	509	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/14/19 7:00 PM	0	99	509	125797
11/14/19 7:30 PM	0	99	509	125797
11/14/19 8:00 PM	0	99	509	125797
11/14/19 8:30 PM	0	99	509	125797
11/14/19 9:00 PM	0	98	509	125797
11/14/19 9:30 PM	0	98	509	125797
11/14/19 10:00 PM	0	98	509	125797
11/14/19 10:30 PM	0	99	509	125797
11/14/19 11:00 PM	0	99	509	125797
11/14/19 11:30 PM	0	98	509	125797
11/15/19 12:00 AM	0	98	509	125797
11/15/19 12:30 AM	0	98	509	125797
11/15/19 1:00 AM	0	98	509	125797
11/15/19 1:30 AM	0	98	509	125797
11/15/19 2:00 AM	0	98	509	125797
11/15/19 2:30 AM	0	98	509	125797
11/15/19 3:00 AM	0	98	509	125797
11/15/19 3:30 AM	0	98	509	125797
11/15/19 4:00 AM	0	98	509	125797
11/15/19 4:30 AM	0	98	509	125797
11/15/19 5:00 AM	0	98	509	125797
11/15/19 5:30 AM	0	98	509	125797
11/15/19 6:00 AM	0	98	509	125797
11/15/19 6:30 AM	0	98	509	125797
11/15/19 7:00 AM	0	98	509	125797
11/15/19 7:30 AM	0	98	509	125797
11/15/19 8:00 AM	0	98	509	125797
11/15/19 8:30 AM	0	98	509	125797
11/15/19 9:00 AM	0	98	509	125797
11/15/19 9:30 AM	0	98	509	125797
11/15/19 10:00 AM	0	98	509	125797
11/15/19 10:30 AM	0	98	509	125797
11/15/19 11:00 AM	0	98	509	125797
11/15/19 11:30 AM	0	98	509	125797
11/15/19 12:00 PM	0	98	509	125797
11/15/19 12:30 PM	0	98	509	125797
11/15/19 1:00 PM	0	98	509	125797
11/15/19 1:30 PM	0	98	509	125797
11/15/19 2:00 PM	0	98	509	125797
11/15/19 2:30 PM	0	99	509	125797
11/15/19 3:00 PM	0	99	509	125797
11/15/19 3:30 PM	0	99	509	125797
11/15/19 4:00 PM	0	99	509	125797

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/15/19 4:30 PM	0	99	509	125797
11/15/19 5:00 PM	0	99	509	125797
11/15/19 5:30 PM	0	99	509	125797
11/15/19 6:00 PM	0	99	508	125797
11/15/19 6:30 PM	0	99	509	125797
11/15/19 7:00 PM	0	99	509	125797
11/15/19 7:30 PM	0	99	509	125797
11/15/19 8:00 PM	0	99	509	125797
11/15/19 8:30 PM	0	99	509	125797
11/15/19 9:00 PM	0	99	509	125797
11/15/19 9:30 PM	0	99	509	125797
11/15/19 10:00 PM	0	99	509	125797
11/15/19 10:30 PM	0	99	509	125797
11/15/19 11:00 PM	0	99	509	125797
11/15/19 11:30 PM	0	99	509	125797
11/16/19 12:00 AM	0	98	509	125797
11/16/19 12:30 AM	0	98	509	125797
11/16/19 1:00 AM	0	98	509	125797
11/16/19 1:30 AM	0	98	509	125797
11/16/19 2:00 AM	0	98	509	125797
11/16/19 2:30 AM	0	98	509	125797
11/16/19 3:00 AM	0	98	509	125797
11/16/19 3:30 AM	0	98	509	125797
11/16/19 4:00 AM	0	98	509	125797
11/16/19 4:30 AM	0	98	509	125797
11/16/19 5:00 AM	0	98	509	125797
11/16/19 5:30 AM	0	98	509	125797
11/16/19 6:00 AM	0	98	508	125797
11/16/19 6:30 AM	0	98	508	125797
11/16/19 7:00 AM	0	98	508	125797
11/16/19 7:30 AM	0	98	508	125797
11/16/19 8:00 AM	0	98	508	125797
11/16/19 8:30 AM	0	98	509	125797
11/16/19 9:00 AM	0	98	509	125797
11/16/19 9:30 AM	0	98	509	125797
11/16/19 10:00 AM	0	98	509	125797
11/16/19 10:30 AM	0	98	509	125797
11/16/19 11:00 AM	0	98	509	125797
11/16/19 11:30 AM	0	98	509	125797
11/16/19 12:00 PM	0	98	509	125797
11/16/19 12:30 PM	0	98	509	125797
11/16/19 1:00 PM	0	99	509	125797
11/16/19 1:30 PM	0	98	509	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/16/19 2:00 PM	0	99	509	125797
11/16/19 2:30 PM	0	99	508	125797
11/16/19 3:00 PM	0	99	508	125797
11/16/19 3:30 PM	0	99	508	125797
11/16/19 4:00 PM	0	99	508	125797
11/16/19 4:30 PM	0	99	508	125797
11/16/19 5:00 PM	0	99	508	125797
11/16/19 5:30 PM	0	99	508	125797
11/16/19 6:00 PM	0	99	508	125797
11/16/19 6:30 PM	0	99	508	125797
11/16/19 7:00 PM	0	99	508	125797
11/16/19 7:30 PM	0	99	508	125797
11/16/19 8:00 PM	0	99	508	125797
11/16/19 8:30 PM	0	99	508	125797
11/16/19 9:00 PM	0	99	508	125797
11/16/19 9:30 PM	0	99	508	125797
11/16/19 10:00 PM	0	99	508	125797
11/16/19 10:30 PM	0	99	508	125797
11/16/19 11:00 PM	0	99	508	125797
11/16/19 11:30 PM	0	99	508	125797
11/17/19 12:00 AM	0	99	508	125797
11/17/19 12:30 AM	0	99	508	125797
11/17/19 1:00 AM	0	99	508	125797
11/17/19 1:30 AM	0	99	508	125797
11/17/19 2:00 AM	0	99	508	125797
11/17/19 2:30 AM	0	99	508	125797
11/17/19 3:00 AM	0	99	508	125797
11/17/19 3:30 AM	0	98	508	125797
11/17/19 4:00 AM	0	98	508	125797
11/17/19 4:30 AM	0	98	508	125797
11/17/19 5:00 AM	0	98	508	125797
11/17/19 5:30 AM	0	98	508	125797
11/17/19 6:00 AM	0	98	508	125797
11/17/19 6:30 AM	0	98	508	125797
11/17/19 7:00 AM	0	98	508	125797
11/17/19 7:30 AM	0	98	508	125797
11/17/19 8:00 AM	0	98	508	125797
11/17/19 8:30 AM	0	98	508	125797
11/17/19 9:00 AM	0	98	509	125797
11/17/19 9:30 AM	0	98	509	125797
11/17/19 10:00 AM	0	98	509	125797
11/17/19 10:30 AM	0	98	509	125797
11/17/19 11:00 AM	0	98	508	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/17/19 11:30 AM	0	98	508	125797
11/17/19 12:00 PM	0	98	508	125797
11/17/19 12:30 PM	0	99	508	125797
11/17/19 1:00 PM	0	99	508	125797
11/17/19 1:30 PM	0	99	508	125797
11/17/19 2:00 PM	0	99	508	125797
11/17/19 2:30 PM	0	99	508	125797
11/17/19 3:00 PM	0	99	508	125797
11/17/19 3:30 PM	0	99	508	125797
11/17/19 4:00 PM	0	99	508	125797
11/17/19 4:30 PM	0	99	508	125797
11/17/19 5:00 PM	0	99	508	125797
11/17/19 5:30 PM	0	99	508	125797
11/17/19 6:00 PM	0	99	508	125797
11/17/19 6:30 PM	0	99	508	125797
11/17/19 7:00 PM	0	99	508	125797
11/17/19 7:30 PM	0	99	508	125797
11/17/19 8:00 PM	0	99	508	125797
11/17/19 8:30 PM	0	99	508	125797
11/17/19 9:00 PM	0	99	508	125797
11/17/19 9:30 PM	0	99	508	125797
11/17/19 10:00 PM	0	99	508	125797
11/17/19 10:30 PM	0	99	508	125797
11/17/19 11:00 PM	0	99	508	125797
11/17/19 11:30 PM	0	99	508	125797
11/18/19 12:00 AM	0	99	508	125797
11/18/19 12:30 AM	0	99	508	125797
11/18/19 1:00 AM	0	99	508	125797
11/18/19 1:30 AM	0	99	508	125797
11/18/19 2:00 AM	0	99	508	125797
11/18/19 2:30 AM	0	99	508	125797
11/18/19 3:00 AM	0	99	508	125797
11/18/19 3:30 AM	0	99	508	125797
11/18/19 4:00 AM	0	99	508	125797
11/18/19 4:30 AM	0	99	508	125797
11/18/19 5:00 AM	0	99	508	125797
11/18/19 5:30 AM	0	99	507	125797
11/18/19 6:00 AM	0	99	507	125797
11/18/19 6:30 AM	0	99	507	125797
11/18/19 7:00 AM	0	98	507	125797
11/18/19 7:30 AM	0	98	507	125797
11/18/19 8:00 AM	0	98	507	125797
11/18/19 8:30 AM	0	98	508	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/18/19 9:00 AM	0	98	508	125797
11/18/19 9:30 AM	0	98	508	125797
11/18/19 10:00 AM	0	98	508	125797
11/18/19 10:30 AM	0	98	508	125797
11/18/19 11:00 AM	0	99	508	125797
11/18/19 11:30 AM	0	99	508	125797
11/18/19 12:00 PM	0	99	508	125797
11/18/19 12:30 PM	0	99	508	125797
11/18/19 1:00 PM	0	99	508	125797
11/18/19 1:30 PM	0	99	508	125797
11/18/19 2:00 PM	0	99	508	125797
11/18/19 2:30 PM	0	99	507	125797
11/18/19 3:00 PM	0	99	507	125797
11/18/19 3:30 PM	0	99	508	125797
11/18/19 4:00 PM	0	99	507	125797
11/18/19 4:30 PM	0	99	507	125797
11/18/19 5:00 PM	0	99	507	125797
11/18/19 5:30 PM	0	99	507	125797
11/18/19 6:00 PM	0	99	507	125797
11/18/19 6:30 PM	0	99	507	125797
11/18/19 7:00 PM	0	99	507	125797
11/18/19 7:30 PM	0	99	507	125797
11/18/19 8:00 PM	0	99	507	125797
11/18/19 8:30 PM	0	99	507	125797
11/18/19 9:00 PM	0	99	507	125797
11/18/19 9:30 PM	0	99	507	125797
11/18/19 10:00 PM	0	99	507	125797
11/18/19 10:30 PM	0	99	507	125797
11/18/19 11:00 PM	0	99	507	125797
11/18/19 11:30 PM	0	99	507	125797
11/19/19 12:00 AM	0	99	507	125797
11/19/19 12:30 AM	0	99	507	125797
11/19/19 1:00 AM	0	99	507	125797
11/19/19 1:30 AM	0	99	507	125797
11/19/19 2:00 AM	0	99	507	125797
11/19/19 2:30 AM	0	99	507	125797
11/19/19 3:00 AM	0	99	507	125797
11/19/19 3:30 AM	0	99	507	125797
11/19/19 4:00 AM	0	99	507	125797
11/19/19 4:30 AM	0	99	507	125797
11/19/19 5:00 AM	0	99	507	125797
11/19/19 5:30 AM	0	99	507	125797
11/19/19 6:00 AM	0	99	507	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/19/19 6:30 AM	0	99	507	125797
11/19/19 7:00 AM	0	99	507	125797
11/19/19 7:30 AM	0	99	507	125797
11/19/19 8:00 AM	0	99	507	125797
11/19/19 8:30 AM	0	99	507	125797
11/19/19 9:00 AM	0	99	508	125797
11/19/19 9:30 AM	0	99	507	125797
11/19/19 10:00 AM	0	99	508	125797
11/19/19 10:30 AM	0	99	508	125797
11/19/19 11:00 AM	0	99	508	125797
11/19/19 11:30 AM	0	99	507	125797
11/19/19 12:00 PM	0	99	508	125797
11/19/19 12:30 PM	0	99	508	125797
11/19/19 1:00 PM	0	99	507	125797
11/19/19 1:30 PM	0	99	507	125797
11/19/19 2:00 PM	0	99	507	125797
11/19/19 2:30 PM	0	99	507	125797
11/19/19 3:00 PM	0	99	507	125797
11/19/19 3:30 PM	0	99	507	125797
11/19/19 4:00 PM	0	99	507	125797
11/19/19 4:30 PM	0	99	507	125797
11/19/19 5:00 PM	0	99	507	125797
11/19/19 5:30 PM	0	99	507	125797
11/19/19 6:00 PM	0	99	507	125797
11/19/19 6:30 PM	0	99	507	125797
11/19/19 7:00 PM	0	99	507	125797
11/19/19 7:30 PM	0	99	507	125797
11/19/19 8:00 PM	0	99	507	125797
11/19/19 8:30 PM	0	99	507	125797
11/19/19 9:00 PM	0	99	507	125797
11/19/19 9:30 PM	0	99	507	125797
11/19/19 10:00 PM	0	99	507	125797
11/19/19 10:30 PM	0	99	507	125797
11/19/19 11:00 PM	0	99	507	125797
11/19/19 11:30 PM	0	99	507	125797
11/20/19 12:00 AM	0	99	507	125797
11/20/19 12:30 AM	0	99	507	125797
11/20/19 1:00 AM	0	99	507	125797
11/20/19 1:30 AM	0	99	507	125797
11/20/19 2:00 AM	0	99	507	125797
11/20/19 2:30 AM	0	99	507	125797
11/20/19 3:00 AM	0	99	507	125797
11/20/19 3:30 AM	0	99	507	125797

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/20/19 4:00 AM	0	99	507	125797
11/20/19 4:30 AM	0	99	507	125797
11/20/19 5:00 AM	0	99	507	125797
11/20/19 5:30 AM	0	99	507	125797
11/20/19 6:00 AM	0	99	507	125797
11/20/19 6:30 AM	0	99	507	125797
11/20/19 7:00 AM	0	99	507	125797
11/20/19 7:30 AM	0	99	507	125797
11/20/19 8:00 AM	0	99	507	125797
11/20/19 8:30 AM	0	99	507	125797
11/20/19 9:00 AM	0	99	507	125797
11/20/19 9:30 AM	0	99	507	125797
11/20/19 10:00 AM	0	99	507	125797
11/20/19 10:30 AM	0	99	507	125797
11/20/19 11:00 AM	0	99	507	125797
11/20/19 11:30 AM	0	99	507	125797
11/20/19 12:00 PM	0	85	516	125799
11/20/19 12:30 PM	0	83	510	125799
11/20/19 1:00 PM	0	85	509	125799
11/20/19 1:30 PM	0	87	508	125799
11/20/19 2:00 PM	0	89	508	125799
11/20/19 2:30 PM	20	69	618	125803
11/20/19 3:00 PM	33	<(-5)	767	125825
11/20/19 3:30 PM	31	<(-5)	813	125848
11/20/19 4:00 PM	32	<(-5)	843	125870
11/20/19 4:30 PM	33	<(-5)	869	125892
11/20/19 5:00 PM	33	<(-5)	890	125915
11/20/19 5:30 PM	31	<(-5)	909	125937
11/20/19 6:00 PM	32	<(-5)	923	125960
11/20/19 6:30 PM	32	<(-5)	935	125982
11/20/19 7:00 PM	31	<(-5)	945	126004
11/20/19 7:30 PM	30	<(-5)	955	126026
11/20/19 8:00 PM	33	<(-5)	966	126048
11/20/19 8:30 PM	31	<(-5)	975	126070
11/20/19 9:00 PM	33	<(-5)	984	126092
11/20/19 9:30 PM	29	<(-5)	991	126114
11/20/19 10:00 PM	32	<(-5)	999	126136
11/20/19 10:30 PM	29	<(-5)	1006	126158
11/20/19 11:00 PM	30	<(-5)	1014	126180
11/20/19 11:30 PM	31	<(-5)	1021	126202
11/21/19 12:00 AM	31	<(-5)	1027	126224
11/21/19 12:30 AM	32	<(-5)	1034	126246
11/21/19 1:00 AM	34	<(-5)	1041	126268

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/21/19 1:30 AM	30	<(-5)	1047	126291
11/21/19 2:00 AM	32	<(-5)	1053	126313
11/21/19 2:30 AM	33	<(-5)	1059	126335
11/21/19 3:00 AM	30	<(-5)	1065	126357
11/21/19 3:30 AM	30	<(-5)	1071	126380
11/21/19 4:00 AM	31	<(-5)	1073	126402
11/21/19 4:30 AM	28	<(-5)	1075	126423
11/21/19 5:00 AM	31	<(-5)	1079	126445
11/21/19 5:30 AM	30	<(-5)	1083	126466
11/21/19 6:00 AM	31	<(-5)	1088	126487
11/21/19 6:30 AM	30	<(-5)	1092	126509
11/21/19 7:00 AM	30	<(-5)	1097	126530
11/21/19 7:30 AM	29	<(-5)	1101	126552
11/21/19 8:00 AM	31	<(-5)	1106	126573
11/21/19 8:30 AM	31	<(-5)	1110	126595
11/21/19 9:00 AM	28	<(-5)	1113	126617
11/21/19 9:30 AM	31	<(-5)	1116	126639
11/21/19 10:00 AM	31	<(-5)	1118	126660
11/21/19 10:30 AM	31	<(-5)	1120	126682
11/21/19 11:00 AM	28	<(-5)	1122	126703
11/21/19 11:30 AM	32	<(-5)	1124	126724
11/21/19 12:00 PM	29	<(-5)	1127	126745
11/21/19 12:30 PM	32	<(-5)	1130	126767
11/21/19 1:00 PM	32	<(-5)	1134	126788
11/21/19 1:30 PM	29	<(-5)	1137	126810
11/21/19 2:00 PM	30	<(-5)	1140	126831
11/21/19 2:30 PM	30	<(-5)	1146	126853
11/21/19 3:00 PM	29	<(-5)	1150	126875
11/21/19 3:30 PM	32	<(-5)	1153	126897
11/21/19 4:00 PM	29	<(-5)	1156	126919
11/21/19 4:30 PM	29	<(-5)	1160	126941
11/21/19 5:00 PM	29	<(-5)	1163	126963
11/21/19 5:30 PM	31	<(-5)	1167	126985
11/21/19 6:00 PM	32	<(-5)	1170	127007
11/21/19 6:30 PM	32	<(-5)	1176	127029
11/21/19 7:00 PM	30	<(-5)	1180	127052
11/21/19 7:30 PM	33	<(-5)	1185	127075
11/21/19 8:00 PM	32	<(-5)	1189	127097
11/21/19 8:30 PM	34	<(-5)	1193	127120
11/21/19 9:00 PM	32	<(-5)	1196	127143
11/21/19 9:30 PM	34	<(-5)	1199	127166
11/21/19 10:00 PM	30	<(-5)	1202	127188
11/21/19 10:30 PM	30	<(-5)	1204	127211

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/21/19 11:00 PM	31	<(-5)	1207	127234
11/21/19 11:30 PM	33	<(-5)	1209	127256
11/22/19 12:00 AM	33	<(-5)	1212	127279
11/22/19 12:30 AM	34	<(-5)	1214	127302
11/22/19 1:00 AM	31	<(-5)	1217	127324
11/22/19 1:30 AM	32	<(-5)	1220	127347
11/22/19 2:00 AM	31	<(-5)	1223	127370
11/22/19 2:30 AM	31	<(-5)	1225	127392
11/22/19 3:00 AM	33	<(-5)	1227	127415
11/22/19 3:30 AM	29	<(-5)	1230	127438
11/22/19 4:00 AM	30	<(-5)	1233	127460
11/22/19 4:30 AM	34	<(-5)	1236	127483
11/22/19 5:00 AM	30	<(-5)	1239	127506
11/22/19 5:30 AM	34	<(-5)	1242	127529
11/22/19 6:00 AM	32	<(-5)	1244	127552
11/22/19 6:30 AM	34	<(-5)	1247	127575
11/22/19 7:00 AM	34	<(-5)	1249	127597
11/22/19 7:30 AM	30	<(-5)	1252	127620
11/22/19 8:00 AM	34	<(-5)	1254	127643
11/22/19 8:30 AM	33	<(-5)	1257	127666
11/22/19 9:00 AM	30	<(-5)	1259	127689
11/22/19 9:30 AM	32	<(-5)	1261	127712
11/22/19 10:00 AM	31	<(-5)	1263	127734
11/22/19 10:30 AM	30	<(-5)	1266	127757
11/22/19 11:00 AM	32	<(-5)	1268	127780
11/22/19 11:30 AM	31	<(-5)	1271	127803
11/22/19 12:00 PM	31	<(-5)	1272	127826
11/22/19 12:30 PM	30	<(-5)	1274	127848
11/22/19 1:00 PM	31	<(-5)	1277	127871
11/22/19 1:30 PM	32	<(-5)	1279	127894
11/22/19 2:00 PM	33	<(-5)	1282	127917
11/22/19 2:30 PM	33	<(-5)	1284	127940
11/22/19 3:00 PM	34	<(-5)	1286	127963
11/22/19 3:30 PM	33	<(-5)	1288	127985
11/22/19 4:00 PM	34	<(-5)	1289	128008
11/22/19 4:30 PM	33	<(-5)	1291	128031
11/22/19 5:00 PM	33	<(-5)	1292	128054
11/22/19 5:30 PM	32	<(-5)	1289	128076
11/22/19 6:00 PM	32	<(-5)	1289	128099
11/22/19 6:30 PM	32	<(-5)	1292	128121
11/22/19 7:00 PM	32	<(-5)	1294	128143
11/22/19 7:30 PM	31	<(-5)	1294	128165
11/22/19 8:00 PM	32	<(-5)	1296	128187

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
11/22/19 8:30 PM	29	<(-5)	1298	128210
11/22/19 9:00 PM	32	<(-5)	1299	128232
11/22/19 9:30 PM	30	<(-5)	1300	128254
11/22/19 10:00 PM	32	<(-5)	1302	128276
11/22/19 10:30 PM	31	<(-5)	1303	128299
11/22/19 11:00 PM	30	<(-5)	1305	128321
11/22/19 11:30 PM	30	<(-5)	1306	128343
11/23/19 12:00 AM	30	<(-5)	1308	128365
11/23/19 12:30 AM	32	<(-5)	1310	128388
11/23/19 1:00 AM	30	<(-5)	1312	128410
11/23/19 1:30 AM	30	<(-5)	1314	128432
11/23/19 2:00 AM	31	<(-5)	1316	128454
11/23/19 2:30 AM	31	<(-5)	1318	128477
11/23/19 3:00 AM	32	<(-5)	1320	128499
11/23/19 3:30 AM	30	<(-5)	1322	128521
11/23/19 4:00 AM	31	<(-5)	1324	128544
11/23/19 4:30 AM	32	<(-5)	1325	128566
11/23/19 5:00 AM	32	<(-5)	1327	128588
11/23/19 5:30 AM	33	<(-5)	1329	128610
11/23/19 6:00 AM	33	<(-5)	1330	128633
11/23/19 6:30 AM	0	<(-5)	1182	128650
11/23/19 7:00 AM	0	<(-5)	1075	128650
11/23/19 7:30 AM	0	<(-5)	1033	128650
11/23/19 8:00 AM	0	<(-5)	1003	128650
11/23/19 8:30 AM	0	<(-5)	980	128650
11/23/19 9:00 AM	0	<(-5)	961	128650
11/23/19 9:30 AM	0	<(-5)	945	128650
11/23/19 10:00 AM	0	<(-5)	930	128650
11/23/19 10:30 AM	0	<(-5)	918	128650
11/23/19 11:00 AM	0	<(-5)	907	128650
11/23/19 11:30 AM	0	<(-5)	897	128650
11/23/19 12:00 PM	0	<(-5)	888	128650
11/23/19 12:30 PM	0	<(-5)	880	128650
11/23/19 1:00 PM	0	<(-5)	873	128650
11/23/19 1:30 PM	0	<(-5)	865	128650
11/23/19 2:00 PM	0	<(-5)	859	128650
11/23/19 2:30 PM	0	<(-5)	852	128650
11/23/19 3:00 PM	0	<(-5)	847	128650
11/23/19 3:30 PM	0	<(-5)	841	128650
11/23/19 4:00 PM	0	<(-5)	836	128650
11/23/19 4:30 PM	0	<(-5)	831	128650
11/23/19 5:00 PM	0	<(-5)	826	128650
11/23/19 5:30 PM	0	<(-5)	821	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/23/19 6:00 PM	0	<(-5)	817	128650
11/23/19 6:30 PM	0	<(-5)	813	128650
11/23/19 7:00 PM	0	<(-5)	809	128650
11/23/19 7:30 PM	0	<(-5)	806	128650
11/23/19 8:00 PM	0	<(-5)	802	128650
11/23/19 8:30 PM	0	<(-5)	798	128650
11/23/19 9:00 PM	0	<(-5)	795	128650
11/23/19 9:30 PM	0	<(-5)	792	128650
11/23/19 10:00 PM	0	<(-5)	789	128650
11/23/19 10:30 PM	0	<(-5)	786	128650
11/23/19 11:00 PM	0	<(-5)	783	128650
11/23/19 11:30 PM	0	<(-5)	780	128650
11/24/19 12:00 AM	0	<(-5)	777	128650
11/24/19 12:30 AM	0	<(-5)	774	128650
11/24/19 1:00 AM	0	<(-5)	772	128650
11/24/19 1:30 AM	0	<(-5)	769	128650
11/24/19 2:00 AM	0	<(-5)	767	128650
11/24/19 2:30 AM	0	<(-5)	765	128650
11/24/19 3:00 AM	0	<(-5)	762	128650
11/24/19 3:30 AM	0	<(-5)	760	128650
11/24/19 4:00 AM	0	<(-5)	758	128650
11/24/19 4:30 AM	0	<(-5)	756	128650
11/24/19 5:00 AM	0	<(-5)	754	128650
11/24/19 5:30 AM	0	<(-5)	752	128650
11/24/19 6:00 AM	0	<(-5)	750	128650
11/24/19 6:30 AM	0	-5	748	128650
11/24/19 7:00 AM	0	-5	747	128650
11/24/19 7:30 AM	0	-5	745	128650
11/24/19 8:00 AM	0	-5	743	128650
11/24/19 8:30 AM	0	-5	741	128650
11/24/19 9:00 AM	0	-5	739	128650
11/24/19 9:30 AM	0	-5	738	128650
11/24/19 10:00 AM	0	-5	736	128650
11/24/19 10:30 AM	0	-5	734	128650
11/24/19 11:00 AM	0	-4	733	128650
11/24/19 11:30 AM	0	-4	731	128650
11/24/19 12:00 PM	0	-4	729	128650
11/24/19 12:30 PM	0	-4	728	128650
11/24/19 1:00 PM	0	-4	726	128650
11/24/19 1:30 PM	0	-4	724	128650
11/24/19 2:00 PM	0	-4	723	128650
11/24/19 2:30 PM	0	-4	721	128650
11/24/19 3:00 PM	0	-4	720	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/24/19 3:30 PM	0	-3	719	128650
11/24/19 4:00 PM	0	-3	717	128650
11/24/19 4:30 PM	0	-3	716	128650
11/24/19 5:00 PM	0	-3	714	128650
11/24/19 5:30 PM	0	-3	713	128650
11/24/19 6:00 PM	0	-3	712	128650
11/24/19 6:30 PM	0	-3	711	128650
11/24/19 7:00 PM	0	-3	710	128650
11/24/19 7:30 PM	0	-3	709	128650
11/24/19 8:00 PM	0	-2	707	128650
11/24/19 8:30 PM	0	-2	706	128650
11/24/19 9:00 PM	0	-2	705	128650
11/24/19 9:30 PM	0	-2	704	128650
11/24/19 10:00 PM	0	-2	703	128650
11/24/19 10:30 PM	0	-2	702	128650
11/24/19 11:00 PM	0	-2	701	128650
11/24/19 11:30 PM	0	-2	699	128650
11/25/19 12:00 AM	0	-2	699	128650
11/25/19 12:30 AM	0	-1	698	128650
11/25/19 1:00 AM	0	-1	696	128650
11/25/19 1:30 AM	0	-1	696	128650
11/25/19 2:00 AM	0	-1	695	128650
11/25/19 2:30 AM	0	-1	694	128650
11/25/19 3:00 AM	0	-1	693	128650
11/25/19 3:30 AM	0	-1	692	128650
11/25/19 4:00 AM	0	-1	691	128650
11/25/19 4:30 AM	0	-1	690	128650
11/25/19 5:00 AM	0	0	690	128650
11/25/19 5:30 AM	0	0	689	128650
11/25/19 6:00 AM	0	0	688	128650
11/25/19 6:30 AM	0	0	687	128650
11/25/19 7:00 AM	0	0	686	128650
11/25/19 7:30 AM	0	0	685	128650
11/25/19 8:00 AM	0	0	684	128650
11/25/19 8:30 AM	0	0	684	128650
11/25/19 9:00 AM	0	0	683	128650
11/25/19 9:30 AM	0	1	683	128650
11/25/19 10:00 AM	0	1	681	128650
11/25/19 10:30 AM	0	1	680	128650
11/25/19 11:00 AM	0	1	680	128650
11/25/19 11:30 AM	0	1	679	128650
11/25/19 12:00 PM	0	1	678	128650
11/25/19 12:30 PM	0	1	677	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/25/19 1:00 PM	0	1	677	128650
11/25/19 1:30 PM	0	1	676	128650
11/25/19 2:00 PM	0	2	675	128650
11/25/19 2:30 PM	0	2	674	128650
11/25/19 3:00 PM	0	2	673	128650
11/25/19 3:30 PM	0	2	673	128650
11/25/19 4:00 PM	0	2	672	128650
11/25/19 4:30 PM	0	2	671	128650
11/25/19 5:00 PM	0	2	671	128650
11/25/19 5:30 PM	0	3	670	128650
11/25/19 6:00 PM	0	3	669	128650
11/25/19 6:30 PM	0	3	669	128650
11/25/19 7:00 PM	0	3	668	128650
11/25/19 7:30 PM	0	3	668	128650
11/25/19 8:00 PM	0	3	667	128650
11/25/19 8:30 PM	0	3	666	128650
11/25/19 9:00 PM	0	3	666	128650
11/25/19 9:30 PM	0	4	665	128650
11/25/19 10:00 PM	0	4	664	128650
11/25/19 10:30 PM	0	4	664	128650
11/25/19 11:00 PM	0	4	663	128650
11/25/19 11:30 PM	0	4	663	128650
11/26/19 12:00 AM	0	4	662	128650
11/26/19 12:30 AM	0	4	661	128650
11/26/19 1:00 AM	0	4	661	128650
11/26/19 1:30 AM	0	4	660	128650
11/26/19 2:00 AM	0	5	660	128650
11/26/19 2:30 AM	0	5	659	128650
11/26/19 3:00 AM	0	5	659	128650
11/26/19 3:30 AM	0	5	658	128650
11/26/19 4:00 AM	0	5	657	128650
11/26/19 4:30 AM	0	5	657	128650
11/26/19 5:00 AM	0	5	656	128650
11/26/19 5:30 AM	0	5	656	128650
11/26/19 6:00 AM	0	6	655	128650
11/26/19 6:30 AM	0	6	655	128650
11/26/19 7:00 AM	0	6	654	128650
11/26/19 7:30 AM	0	6	654	128650
11/26/19 8:00 AM	0	6	653	128650
11/26/19 8:30 AM	0	6	653	128650
11/26/19 9:00 AM	0	6	653	128650
11/26/19 9:30 AM	0	6	652	128650
11/26/19 10:00 AM	0	7	652	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/26/19 10:30 AM	0	7	651	128650
11/26/19 11:00 AM	0	7	651	128650
11/26/19 11:30 AM	0	7	650	128650
11/26/19 12:00 PM	0	7	650	128650
11/26/19 12:30 PM	0	7	649	128650
11/26/19 1:00 PM	0	7	649	128650
11/26/19 1:30 PM	0	7	648	128650
11/26/19 2:00 PM	0	8	648	128650
11/26/19 2:30 PM	0	8	647	128650
11/26/19 3:00 PM	0	8	647	128650
11/26/19 3:30 PM	0	8	647	128650
11/26/19 4:00 PM	0	8	646	128650
11/26/19 4:30 PM	0	8	645	128650
11/26/19 5:00 PM	0	9	645	128650
11/26/19 5:30 PM	0	9	644	128650
11/26/19 6:00 PM	0	9	644	128650
11/26/19 6:30 PM	0	9	643	128650
11/26/19 7:00 PM	0	9	643	128650
11/26/19 7:30 PM	0	9	643	128650
11/26/19 8:00 PM	0	9	642	128650
11/26/19 8:30 PM	0	9	642	128650
11/26/19 9:00 PM	0	9	641	128650
11/26/19 9:30 PM	0	10	641	128650
11/26/19 10:00 PM	0	10	641	128650
11/26/19 10:30 PM	0	10	640	128650
11/26/19 11:00 PM	0	10	640	128650
11/26/19 11:30 PM	0	10	639	128650
11/27/19 12:00 AM	0	10	639	128650
11/27/19 12:30 AM	0	10	639	128650
11/27/19 1:00 AM	0	10	638	128650
11/27/19 1:30 AM	0	11	638	128650
11/27/19 2:00 AM	0	11	638	128650
11/27/19 2:30 AM	0	11	637	128650
11/27/19 3:00 AM	0	11	637	128650
11/27/19 3:30 AM	0	11	637	128650
11/27/19 4:00 AM	0	11	636	128650
11/27/19 4:30 AM	0	11	636	128650
11/27/19 5:00 AM	0	12	636	128650
11/27/19 5:30 AM	0	12	635	128650
11/27/19 6:00 AM	0	12	635	128650
11/27/19 6:30 AM	0	12	634	128650
11/27/19 7:00 AM	0	12	634	128650
11/27/19 7:30 AM	0	12	634	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/27/19 8:00 AM	0	12	634	128650
11/27/19 8:30 AM	0	13	633	128650
11/27/19 9:00 AM	0	13	633	128650
11/27/19 9:30 AM	0	13	633	128650
11/27/19 10:00 AM	0	13	632	128650
11/27/19 10:30 AM	0	13	632	128650
11/27/19 11:00 AM	0	13	631	128650
11/27/19 11:30 AM	0	13	631	128650
11/27/19 12:00 PM	0	13	631	128650
11/27/19 12:30 PM	0	14	630	128650
11/27/19 1:00 PM	0	14	630	128650
11/27/19 1:30 PM	0	14	630	128650
11/27/19 2:00 PM	0	14	629	128650
11/27/19 2:30 PM	0	14	629	128650
11/27/19 3:00 PM	0	14	629	128650
11/27/19 3:30 PM	0	15	628	128650
11/27/19 4:00 PM	0	15	628	128650
11/27/19 4:30 PM	0	15	627	128650
11/27/19 5:00 PM	0	15	627	128650
11/27/19 5:30 PM	0	15	627	128650
11/27/19 6:00 PM	0	15	626	128650
11/27/19 6:30 PM	0	15	626	128650
11/27/19 7:00 PM	0	16	626	128650
11/27/19 7:30 PM	0	16	626	128650
11/27/19 8:00 PM	0	16	625	128650
11/27/19 8:30 PM	0	16	625	128650
11/27/19 9:00 PM	0	16	625	128650
11/27/19 9:30 PM	0	16	625	128650
11/27/19 10:00 PM	0	16	624	128650
11/27/19 10:30 PM	0	17	624	128650
11/27/19 11:00 PM	0	17	624	128650
11/27/19 11:30 PM	0	17	623	128650
11/28/19 12:00 AM	0	17	623	128650
11/28/19 12:30 AM	0	17	623	128650
11/28/19 1:00 AM	0	17	623	128650
11/28/19 1:30 AM	0	18	622	128650
11/28/19 2:00 AM	0	18	622	128650
11/28/19 2:30 AM	0	18	622	128650
11/28/19 3:00 AM	0	18	621	128650
11/28/19 3:30 AM	0	18	621	128650
11/28/19 4:00 AM	0	18	621	128650
11/28/19 4:30 AM	0	18	620	128650
11/28/19 5:00 AM	0	19	620	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/28/19 5:30 AM	0	19	620	128650
11/28/19 6:00 AM	0	19	620	128650
11/28/19 6:30 AM	0	19	619	128650
11/28/19 7:00 AM	0	19	619	128650
11/28/19 7:30 AM	0	19	619	128650
11/28/19 8:00 AM	0	19	619	128650
11/28/19 8:30 AM	0	20	619	128650
11/28/19 9:00 AM	0	20	618	128650
11/28/19 9:30 AM	0	20	618	128650
11/28/19 10:00 AM	0	20	618	128650
11/28/19 10:30 AM	0	20	618	128650
11/28/19 11:00 AM	0	20	617	128650
11/28/19 11:30 AM	0	20	617	128650
11/28/19 12:00 PM	0	21	617	128650
11/28/19 12:30 PM	0	21	617	128650
11/28/19 1:00 PM	0	21	616	128650
11/28/19 1:30 PM	0	21	616	128650
11/28/19 2:00 PM	0	21	616	128650
11/28/19 2:30 PM	0	21	616	128650
11/28/19 3:00 PM	0	22	615	128650
11/28/19 3:30 PM	0	22	615	128650
11/28/19 4:00 PM	0	22	615	128650
11/28/19 4:30 PM	0	22	614	128650
11/28/19 5:00 PM	0	22	614	128650
11/28/19 5:30 PM	0	22	614	128650
11/28/19 6:00 PM	0	23	613	128650
11/28/19 6:30 PM	0	23	613	128650
11/28/19 7:00 PM	0	23	613	128650
11/28/19 7:30 PM	0	23	613	128650
11/28/19 8:00 PM	0	23	613	128650
11/28/19 8:30 PM	0	23	612	128650
11/28/19 9:00 PM	0	23	612	128650
11/28/19 9:30 PM	0	23	612	128650
11/28/19 10:00 PM	0	24	612	128650
11/28/19 10:30 PM	0	24	612	128650
11/28/19 11:00 PM	0	24	611	128650
11/28/19 11:30 PM	0	24	611	128650
11/29/19 12:00 AM	0	24	611	128650
11/29/19 12:30 AM	0	24	611	128650
11/29/19 1:00 AM	0	24	610	128650
11/29/19 1:30 AM	0	25	610	128650
11/29/19 2:00 AM	0	25	610	128650
11/29/19 2:30 AM	0	25	610	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/29/19 3:00 AM	0	25	610	128650
11/29/19 3:30 AM	0	25	609	128650
11/29/19 4:00 AM	0	25	609	128650
11/29/19 4:30 AM	0	25	609	128650
11/29/19 5:00 AM	0	26	609	128650
11/29/19 5:30 AM	0	26	608	128650
11/29/19 6:00 AM	0	26	608	128650
11/29/19 6:30 AM	0	26	608	128650
11/29/19 7:00 AM	0	26	608	128650
11/29/19 7:30 AM	0	26	608	128650
11/29/19 8:00 AM	0	26	607	128650
11/29/19 8:30 AM	0	27	607	128650
11/29/19 9:00 AM	0	27	607	128650
11/29/19 9:30 AM	0	27	607	128650
11/29/19 10:00 AM	0	27	607	128650
11/29/19 10:30 AM	0	27	607	128650
11/29/19 11:00 AM	0	27	606	128650
11/29/19 11:30 AM	0	28	606	128650
11/29/19 12:00 PM	0	28	606	128650
11/29/19 12:30 PM	0	28	605	128650
11/29/19 1:00 PM	0	28	605	128650
11/29/19 1:30 PM	0	28	605	128650
11/29/19 2:00 PM	0	28	605	128650
11/29/19 2:30 PM	0	28	605	128650
11/29/19 3:00 PM	0	29	605	128650
11/29/19 3:30 PM	0	29	604	128650
11/29/19 4:00 PM	0	29	604	128650
11/29/19 4:30 PM	0	29	604	128650
11/29/19 5:00 PM	0	29	604	128650
11/29/19 5:30 PM	0	29	603	128650
11/29/19 6:00 PM	0	29	603	128650
11/29/19 6:30 PM	0	30	603	128650
11/29/19 7:00 PM	0	30	603	128650
11/29/19 7:30 PM	0	30	603	128650
11/29/19 8:00 PM	0	30	603	128650
11/29/19 8:30 PM	0	30	602	128650
11/29/19 9:00 PM	0	30	602	128650
11/29/19 9:30 PM	0	30	602	128650
11/29/19 10:00 PM	0	30	602	128650
11/29/19 10:30 PM	0	31	602	128650
11/29/19 11:00 PM	0	31	601	128650
11/29/19 11:30 PM	0	31	601	128650
11/30/19 12:00 AM	0	31	601	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/30/19 12:30 AM	0	31	601	128650
11/30/19 1:00 AM	0	31	601	128650
11/30/19 1:30 AM	0	31	600	128650
11/30/19 2:00 AM	0	31	600	128650
11/30/19 2:30 AM	0	31	600	128650
11/30/19 3:00 AM	0	32	600	128650
11/30/19 3:30 AM	0	32	600	128650
11/30/19 4:00 AM	0	32	599	128650
11/30/19 4:30 AM	0	32	599	128650
11/30/19 5:00 AM	0	32	599	128650
11/30/19 5:30 AM	0	32	599	128650
11/30/19 6:00 AM	0	32	599	128650
11/30/19 6:30 AM	0	32	599	128650
11/30/19 7:00 AM	0	32	598	128650
11/30/19 7:30 AM	0	33	599	128650
11/30/19 8:00 AM	0	33	599	128650
11/30/19 8:30 AM	0	33	598	128650
11/30/19 9:00 AM	0	33	598	128650
11/30/19 9:30 AM	0	33	598	128650
11/30/19 10:00 AM	0	33	598	128650
11/30/19 10:30 AM	0	33	598	128650
11/30/19 11:00 AM	0	34	598	128650
11/30/19 11:30 AM	0	34	597	128650
11/30/19 12:00 PM	0	34	597	128650
11/30/19 12:30 PM	0	34	597	128650
11/30/19 1:00 PM	0	34	597	128650
11/30/19 1:30 PM	0	34	597	128650
11/30/19 2:00 PM	0	35	597	128650
11/30/19 2:30 PM	0	35	596	128650
11/30/19 3:00 PM	0	35	596	128650
11/30/19 3:30 PM	0	35	596	128650
11/30/19 4:00 PM	0	35	595	128650
11/30/19 4:30 PM	0	35	595	128650
11/30/19 5:00 PM	0	36	595	128650
11/30/19 5:30 PM	0	36	595	128650
11/30/19 6:00 PM	0	36	595	128650
11/30/19 6:30 PM	0	36	595	128650
11/30/19 7:00 PM	0	36	595	128650
11/30/19 7:30 PM	0	36	594	128650
11/30/19 8:00 PM	0	36	594	128650
11/30/19 8:30 PM	0	36	594	128650
11/30/19 9:00 PM	0	36	594	128650
11/30/19 9:30 PM	0	37	594	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
11/30/19 10:00 PM	0	37	594	128650
11/30/19 10:30 PM	0	37	593	128650
11/30/19 11:00 PM	0	37	593	128650
11/30/19 11:30 PM	0	37	593	128650
12/1/19 12:00 AM	0	37	593	128650
12/1/19 12:30 AM	0	37	592	128650
12/1/19 1:00 AM	0	37	592	128650
12/1/19 1:30 AM	0	38	592	128650
12/1/19 2:00 AM	0	38	592	128650
12/1/19 2:30 AM	0	38	592	128650
12/1/19 3:00 AM	0	38	592	128650
12/1/19 3:30 AM	0	38	591	128650
12/1/19 4:00 AM	0	38	591	128650
12/1/19 4:30 AM	0	38	591	128650
12/1/19 5:00 AM	0	38	591	128650
12/1/19 5:30 AM	0	38	591	128650
12/1/19 6:00 AM	0	38	591	128650
12/1/19 6:30 AM	0	39	590	128650
12/1/19 7:00 AM	0	39	590	128650
12/1/19 7:30 AM	0	39	591	128650
12/1/19 8:00 AM	0	39	591	128650
12/1/19 8:30 AM	0	39	591	128650
12/1/19 9:00 AM	0	39	591	128650
12/1/19 9:30 AM	0	39	590	128650
12/1/19 10:00 AM	0	39	590	128650
12/1/19 10:30 AM	0	40	590	128650
12/1/19 11:00 AM	0	40	590	128650
12/1/19 11:30 AM	0	40	590	128650
12/1/19 12:00 PM	0	40	590	128650
12/1/19 12:30 PM	0	40	589	128650
12/1/19 1:00 PM	0	41	589	128650
12/1/19 1:30 PM	0	41	589	128650
12/1/19 2:00 PM	0	41	589	128650
12/1/19 2:30 PM	0	41	589	128650
12/1/19 3:00 PM	0	41	588	128650
12/1/19 3:30 PM	0	41	588	128650
12/1/19 4:00 PM	0	42	588	128650
12/1/19 4:30 PM	0	42	588	128650
12/1/19 5:00 PM	0	42	588	128650
12/1/19 5:30 PM	0	42	588	128650
12/1/19 6:00 PM	0	42	588	128650
12/1/19 6:30 PM	0	42	588	128650
12/1/19 7:00 PM	0	42	587	128650

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/1/19 7:30 PM	0	42	587	128650
12/1/19 8:00 PM	0	42	587	128650
12/1/19 8:30 PM	0	42	587	128650
12/1/19 9:00 PM	0	42	587	128650
12/1/19 9:30 PM	0	43	587	128650
12/1/19 10:00 PM	0	43	587	128650
12/1/19 10:30 PM	0	43	586	128650
12/1/19 11:00 PM	0	43	586	128650
12/1/19 11:30 PM	0	43	586	128650
12/2/19 12:00 AM	0	43	586	128650
12/2/19 12:30 AM	0	43	586	128650
12/2/19 1:00 AM	0	43	586	128650
12/2/19 1:30 AM	0	43	586	128650
12/2/19 2:00 AM	0	43	585	128650
12/2/19 2:30 AM	0	44	585	128650
12/2/19 3:00 AM	0	44	585	128650
12/2/19 3:30 AM	0	44	585	128650
12/2/19 4:00 AM	0	44	585	128650
12/2/19 4:30 AM	0	44	585	128650
12/2/19 5:00 AM	0	44	585	128650
12/2/19 5:30 AM	0	44	585	128650
12/2/19 6:00 AM	0	44	585	128650
12/2/19 6:30 AM	0	44	584	128650
12/2/19 7:00 AM	0	44	584	128650
12/2/19 7:30 AM	0	45	584	128650
12/2/19 8:00 AM	0	45	585	128650
12/2/19 8:30 AM	0	45	585	128650
12/2/19 9:00 AM	0	45	585	128650
12/2/19 9:30 AM	0	45	584	128650
12/2/19 10:00 AM	0	45	584	128650
12/2/19 10:30 AM	0	45	584	128650
12/2/19 11:00 AM	0	46	584	128650
12/2/19 11:30 AM	0	46	584	128650
12/2/19 12:00 PM	0	46	583	128650
12/2/19 12:30 PM	0	46	583	128650
12/2/19 1:00 PM	0	46	583	128650
12/2/19 1:30 PM	0	47	583	128650
12/2/19 2:00 PM	0	47	583	128650
12/2/19 2:30 PM	0	47	582	128650
12/2/19 3:00 PM	0	47	582	128650
12/2/19 3:30 PM	0	47	582	128650
12/2/19 4:00 PM	0	47	582	128650
12/2/19 4:30 PM	0	48	582	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/2/19 5:00 PM	0	48	582	128650
12/2/19 5:30 PM	0	48	582	128650
12/2/19 6:00 PM	0	48	582	128650
12/2/19 6:30 PM	0	48	582	128650
12/2/19 7:00 PM	0	48	582	128650
12/2/19 7:30 PM	0	48	581	128650
12/2/19 8:00 PM	0	48	581	128650
12/2/19 8:30 PM	0	48	581	128650
12/2/19 9:00 PM	0	48	581	128650
12/2/19 9:30 PM	0	48	581	128650
12/2/19 10:00 PM	0	48	581	128650
12/2/19 10:30 PM	0	48	581	128650
12/2/19 11:00 PM	0	48	581	128650
12/2/19 11:30 PM	0	48	581	128650
12/3/19 12:00 AM	0	49	580	128650
12/3/19 12:30 AM	0	49	580	128650
12/3/19 1:00 AM	0	49	580	128650
12/3/19 1:30 AM	0	49	580	128650
12/3/19 2:00 AM	0	49	580	128650
12/3/19 2:30 AM	0	49	580	128650
12/3/19 3:00 AM	0	49	580	128650
12/3/19 3:30 AM	0	49	580	128650
12/3/19 4:00 AM	0	49	580	128650
12/3/19 4:30 AM	0	49	579	128650
12/3/19 5:00 AM	0	49	579	128650
12/3/19 5:30 AM	0	49	579	128650
12/3/19 6:00 AM	0	49	579	128650
12/3/19 6:30 AM	0	50	579	128650
12/3/19 7:00 AM	0	50	579	128650
12/3/19 7:30 AM	0	50	579	128650
12/3/19 8:00 AM	0	50	579	128650
12/3/19 8:30 AM	0	50	579	128650
12/3/19 9:00 AM	0	50	579	128650
12/3/19 9:30 AM	0	50	579	128650
12/3/19 10:00 AM	0	50	579	128650
12/3/19 10:30 AM	0	51	579	128650
12/3/19 11:00 AM	0	51	578	128650
12/3/19 11:30 AM	0	51	578	128650
12/3/19 12:00 PM	0	51	578	128650
12/3/19 12:30 PM	0	51	578	128650
12/3/19 1:00 PM	0	51	578	128650
12/3/19 1:30 PM	0	52	578	128650
12/3/19 2:00 PM	0	52	577	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/3/19 2:30 PM	0	52	577	128650
12/3/19 3:00 PM	0	52	577	128650
12/3/19 3:30 PM	0	52	577	128650
12/3/19 4:00 PM	0	52	577	128650
12/3/19 4:30 PM	0	53	577	128650
12/3/19 5:00 PM	0	53	577	128650
12/3/19 5:30 PM	0	53	577	128650
12/3/19 6:00 PM	0	53	577	128650
12/3/19 6:30 PM	0	53	577	128650
12/3/19 7:00 PM	0	53	577	128650
12/3/19 7:30 PM	0	53	576	128650
12/3/19 8:00 PM	0	53	576	128650
12/3/19 8:30 PM	0	53	576	128650
12/3/19 9:00 PM	0	53	576	128650
12/3/19 9:30 PM	0	53	576	128650
12/3/19 10:00 PM	0	53	576	128650
12/3/19 10:30 PM	0	53	576	128650
12/3/19 11:00 PM	0	53	576	128650
12/3/19 11:30 PM	0	53	576	128650
12/4/19 12:00 AM	0	54	576	128650
12/4/19 12:30 AM	0	54	575	128650
12/4/19 1:00 AM	0	54	575	128650
12/4/19 1:30 AM	0	54	575	128650
12/4/19 2:00 AM	0	54	575	128650
12/4/19 2:30 AM	0	54	575	128650
12/4/19 3:00 AM	0	54	575	128650
12/4/19 3:30 AM	0	54	575	128650
12/4/19 4:00 AM	0	54	575	128650
12/4/19 4:30 AM	0	54	575	128650
12/4/19 5:00 AM	0	54	575	128650
12/4/19 5:30 AM	0	54	575	128650
12/4/19 6:00 AM	0	55	574	128650
12/4/19 6:30 AM	0	55	575	128650
12/4/19 7:00 AM	0	55	575	128650
12/4/19 7:30 AM	0	55	574	128650
12/4/19 8:00 AM	0	55	574	128650
12/4/19 8:30 AM	0	55	574	128650
12/4/19 9:00 AM	0	55	574	128650
12/4/19 9:30 AM	0	55	574	128650
12/4/19 10:00 AM	0	55	574	128650
12/4/19 10:30 AM	0	55	574	128650
12/4/19 11:00 AM	0	56	574	128650
12/4/19 11:30 AM	0	56	574	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/4/19 12:00 PM	0	56	573	128650
12/4/19 12:30 PM	0	56	573	128650
12/4/19 1:00 PM	0	56	573	128650
12/4/19 1:30 PM	0	56	573	128650
12/4/19 2:00 PM	0	56	573	128650
12/4/19 2:30 PM	0	56	573	128650
12/4/19 3:00 PM	0	57	573	128650
12/4/19 3:30 PM	0	57	573	128650
12/4/19 4:00 PM	0	57	573	128650
12/4/19 4:30 PM	0	57	572	128650
12/4/19 5:00 PM	0	57	572	128650
12/4/19 5:30 PM	0	57	572	128650
12/4/19 6:00 PM	0	57	572	128650
12/4/19 6:30 PM	0	57	572	128650
12/4/19 7:00 PM	0	57	572	128650
12/4/19 7:30 PM	0	57	572	128650
12/4/19 8:00 PM	0	57	572	128650
12/4/19 8:30 PM	0	57	572	128650
12/4/19 9:00 PM	0	57	572	128650
12/4/19 9:30 PM	0	58	572	128650
12/4/19 10:00 PM	0	58	572	128650
12/4/19 10:30 PM	0	58	572	128650
12/4/19 11:00 PM	0	58	571	128650
12/4/19 11:30 PM	0	58	571	128650
12/5/19 12:00 AM	0	58	571	128650
12/5/19 12:30 AM	0	58	571	128650
12/5/19 1:00 AM	0	58	571	128650
12/5/19 1:30 AM	0	58	571	128650
12/5/19 2:00 AM	0	58	571	128650
12/5/19 2:30 AM	0	58	571	128650
12/5/19 3:00 AM	0	58	571	128650
12/5/19 3:30 AM	0	58	571	128650
12/5/19 4:00 AM	0	59	571	128650
12/5/19 4:30 AM	0	59	570	128650
12/5/19 5:00 AM	0	59	570	128650
12/5/19 5:30 AM	0	59	570	128650
12/5/19 6:00 AM	0	59	570	128650
12/5/19 6:30 AM	0	59	570	128650
12/5/19 7:00 AM	0	59	570	128650
12/5/19 7:30 AM	0	59	570	128650
12/5/19 8:00 AM	0	59	570	128650
12/5/19 8:30 AM	0	59	570	128650
12/5/19 9:00 AM	0	59	570	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/5/19 9:30 AM	0	59	570	128650
12/5/19 10:00 AM	0	59	570	128650
12/5/19 10:30 AM	0	60	570	128650
12/5/19 11:00 AM	0	60	569	128650
12/5/19 11:30 AM	0	60	569	128650
12/5/19 12:00 PM	0	60	570	128650
12/5/19 12:30 PM	0	60	570	128650
12/5/19 1:00 PM	0	60	569	128650
12/5/19 1:30 PM	0	60	569	128650
12/5/19 2:00 PM	0	60	569	128650
12/5/19 2:30 PM	0	61	569	128650
12/5/19 3:00 PM	0	61	569	128650
12/5/19 3:30 PM	0	61	569	128650
12/5/19 4:00 PM	0	61	568	128650
12/5/19 4:30 PM	0	61	568	128650
12/5/19 5:00 PM	0	61	568	128650
12/5/19 5:30 PM	0	61	568	128650
12/5/19 6:00 PM	0	61	568	128650
12/5/19 6:30 PM	0	61	568	128650
12/5/19 7:00 PM	0	61	568	128650
12/5/19 7:30 PM	0	61	568	128650
12/5/19 8:00 PM	0	61	568	128650
12/5/19 8:30 PM	0	61	568	128650
12/5/19 9:00 PM	0	61	568	128650
12/5/19 9:30 PM	0	61	568	128650
12/5/19 10:00 PM	0	61	568	128650
12/5/19 10:30 PM	0	62	568	128650
12/5/19 11:00 PM	0	62	567	128650
12/5/19 11:30 PM	0	62	567	128650
12/6/19 12:00 AM	0	62	567	128650
12/6/19 12:30 AM	0	62	567	128650
12/6/19 1:00 AM	0	62	567	128650
12/6/19 1:30 AM	0	62	567	128650
12/6/19 2:00 AM	0	62	567	128650
12/6/19 2:30 AM	0	62	567	128650
12/6/19 3:00 AM	0	62	567	128650
12/6/19 3:30 AM	0	62	567	128650
12/6/19 4:00 AM	0	62	567	128650
12/6/19 4:30 AM	0	62	566	128650
12/6/19 5:00 AM	0	62	567	128650
12/6/19 5:30 AM	0	62	567	128650
12/6/19 6:00 AM	0	62	567	128650
12/6/19 6:30 AM	0	62	567	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/6/19 7:00 AM	0	62	566	128650
12/6/19 7:30 AM	0	63	566	128650
12/6/19 8:00 AM	0	63	566	128650
12/6/19 8:30 AM	0	63	566	128650
12/6/19 9:00 AM	0	63	566	128650
12/6/19 9:30 AM	0	63	566	128650
12/6/19 10:00 AM	0	63	566	128650
12/6/19 10:30 AM	0	63	566	128650
12/6/19 11:00 AM	0	63	566	128650
12/6/19 11:30 AM	0	63	566	128650
12/6/19 12:00 PM	0	64	566	128650
12/6/19 12:30 PM	0	64	566	128650
12/6/19 1:00 PM	0	64	566	128650
12/6/19 1:30 PM	0	64	565	128650
12/6/19 2:00 PM	0	64	565	128650
12/6/19 2:30 PM	0	64	565	128650
12/6/19 3:00 PM	0	64	565	128650
12/6/19 3:30 PM	0	64	565	128650
12/6/19 4:00 PM	0	65	565	128650
12/6/19 4:30 PM	0	65	564	128650
12/6/19 5:00 PM	0	65	564	128650
12/6/19 5:30 PM	0	65	564	128650
12/6/19 6:00 PM	0	65	564	128650
12/6/19 6:30 PM	0	65	564	128650
12/6/19 7:00 PM	0	65	564	128650
12/6/19 7:30 PM	0	65	564	128650
12/6/19 8:00 PM	0	65	564	128650
12/6/19 8:30 PM	0	65	564	128650
12/6/19 9:00 PM	0	65	564	128650
12/6/19 9:30 PM	0	65	564	128650
12/6/19 10:00 PM	0	65	564	128650
12/6/19 10:30 PM	0	65	564	128650
12/6/19 11:00 PM	0	65	564	128650
12/6/19 11:30 PM	0	65	564	128650
12/7/19 12:00 AM	0	65	564	128650
12/7/19 12:30 AM	0	65	564	128650
12/7/19 1:00 AM	0	65	564	128650
12/7/19 1:30 AM	0	65	564	128650
12/7/19 2:00 AM	0	65	564	128650
12/7/19 2:30 AM	0	66	563	128650
12/7/19 3:00 AM	0	66	563	128650
12/7/19 3:30 AM	0	66	563	128650
12/7/19 4:00 AM	0	66	563	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/7/19 4:30 AM	0	66	563	128650
12/7/19 5:00 AM	0	66	563	128650
12/7/19 5:30 AM	0	66	563	128650
12/7/19 6:00 AM	0	66	563	128650
12/7/19 6:30 AM	0	66	563	128650
12/7/19 7:00 AM	0	66	563	128650
12/7/19 7:30 AM	0	66	563	128650
12/7/19 8:00 AM	0	66	563	128650
12/7/19 8:30 AM	0	66	563	128650
12/7/19 9:00 AM	0	66	563	128650
12/7/19 9:30 AM	0	66	563	128650
12/7/19 10:00 AM	0	67	563	128650
12/7/19 10:30 AM	0	67	563	128650
12/7/19 11:00 AM	0	67	563	128650
12/7/19 11:30 AM	0	67	562	128650
12/7/19 12:00 PM	0	67	562	128650
12/7/19 12:30 PM	0	67	562	128650
12/7/19 1:00 PM	0	67	562	128650
12/7/19 1:30 PM	0	67	562	128650
12/7/19 2:00 PM	0	68	562	128650
12/7/19 2:30 PM	0	68	562	128650
12/7/19 3:00 PM	0	68	562	128650
12/7/19 3:30 PM	0	68	561	128650
12/7/19 4:00 PM	0	68	561	128650
12/7/19 4:30 PM	0	68	561	128650
12/7/19 5:00 PM	0	68	561	128650
12/7/19 5:30 PM	0	68	561	128650
12/7/19 6:00 PM	0	68	561	128650
12/7/19 6:30 PM	0	68	561	128650
12/7/19 7:00 PM	0	68	561	128650
12/7/19 7:30 PM	0	68	561	128650
12/7/19 8:00 PM	0	68	561	128650
12/7/19 8:30 PM	0	68	561	128650
12/7/19 9:00 PM	0	68	561	128650
12/7/19 9:30 PM	0	68	561	128650
12/7/19 10:00 PM	0	68	561	128650
12/7/19 10:30 PM	0	68	561	128650
12/7/19 11:00 PM	0	69	561	128650
12/7/19 11:30 PM	0	69	561	128650
12/8/19 12:00 AM	0	69	561	128650
12/8/19 12:30 AM	0	69	561	128650
12/8/19 1:00 AM	0	69	561	128650
12/8/19 1:30 AM	0	69	561	128650

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/8/19 2:00 AM	0	69	560	128650
12/8/19 2:30 AM	0	69	560	128650
12/8/19 3:00 AM	0	69	560	128650
12/8/19 3:30 AM	0	69	560	128650
12/8/19 4:00 AM	0	69	560	128650
12/8/19 4:30 AM	0	69	560	128650
12/8/19 5:00 AM	0	69	560	128650
12/8/19 5:30 AM	0	69	560	128650
12/8/19 6:00 AM	0	69	560	128650
12/8/19 6:30 AM	0	69	560	128650
12/8/19 7:00 AM	0	69	560	128650
12/8/19 7:30 AM	0	69	560	128650
12/8/19 8:00 AM	0	70	560	128650
12/8/19 8:30 AM	0	70	560	128650
12/8/19 9:00 AM	0	70	560	128650
12/8/19 9:30 AM	0	70	560	128650
12/8/19 10:00 AM	0	70	560	128650
12/8/19 10:30 AM	0	70	560	128650
12/8/19 11:00 AM	0	70	560	128650
12/8/19 11:30 AM	0	70	560	128650
12/8/19 12:00 PM	0	70	559	128650
12/8/19 12:30 PM	0	70	559	128650
12/8/19 1:00 PM	0	70	559	128650
12/8/19 1:30 PM	0	70	559	128650
12/8/19 2:00 PM	0	70	559	128650
12/8/19 2:30 PM	0	70	559	128650
12/8/19 3:00 PM	0	71	559	128650
12/8/19 3:30 PM	0	71	559	128650
12/8/19 4:00 PM	0	71	559	128650
12/8/19 4:30 PM	0	71	559	128650
12/8/19 5:00 PM	0	71	559	128650
12/8/19 5:30 PM	0	71	559	128650
12/8/19 6:00 PM	0	71	559	128650
12/8/19 6:30 PM	0	71	559	128650
12/8/19 7:00 PM	0	71	559	128650
12/8/19 7:30 PM	0	71	558	128650
12/8/19 8:00 PM	0	71	558	128650
12/8/19 8:30 PM	0	71	558	128650
12/8/19 9:00 PM	0	71	558	128650
12/8/19 9:30 PM	0	71	558	128650
12/8/19 10:00 PM	0	71	558	128650
12/8/19 10:30 PM	0	71	558	128650
12/8/19 11:00 PM	0	71	558	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/8/19 11:30 PM	0	71	558	128650
12/9/19 12:00 AM	0	71	558	128650
12/9/19 12:30 AM	0	71	558	128650
12/9/19 1:00 AM	0	71	558	128650
12/9/19 1:30 AM	0	71	558	128650
12/9/19 2:00 AM	0	71	558	128650
12/9/19 2:30 AM	0	71	558	128650
12/9/19 3:00 AM	0	71	558	128650
12/9/19 3:30 AM	0	72	557	128650
12/9/19 4:00 AM	0	72	557	128650
12/9/19 4:30 AM	0	72	557	128650
12/9/19 5:00 AM	0	72	557	128650
12/9/19 5:30 AM	0	72	557	128650
12/9/19 6:00 AM	0	72	557	128650
12/9/19 6:30 AM	0	72	557	128650
12/9/19 7:00 AM	0	72	557	128650
12/9/19 7:30 AM	0	72	557	128650
12/9/19 8:00 AM	0	72	557	128650
12/9/19 8:30 AM	0	72	557	128650
12/9/19 9:00 AM	0	72	557	128650
12/9/19 9:30 AM	0	72	557	128650
12/9/19 10:00 AM	0	72	557	128650
12/9/19 10:30 AM	0	72	557	128650
12/9/19 11:00 AM	0	72	557	128650
12/9/19 11:30 AM	0	72	557	128650
12/9/19 12:00 PM	0	73	557	128650
12/9/19 12:30 PM	0	73	557	128650
12/9/19 1:00 PM	0	73	556	128650
12/9/19 1:30 PM	0	73	556	128650
12/9/19 2:00 PM	0	73	556	128650
12/9/19 2:30 PM	0	73	556	128650
12/9/19 3:00 PM	0	73	556	128650
12/9/19 3:30 PM	0	73	556	128650
12/9/19 4:00 PM	0	73	556	128650
12/9/19 4:30 PM	0	73	556	128650
12/9/19 5:00 PM	0	73	556	128650
12/9/19 5:30 PM	0	73	556	128650
12/9/19 6:00 PM	0	73	556	128650
12/9/19 6:30 PM	0	73	556	128650
12/9/19 7:00 PM	0	74	556	128650
12/9/19 7:30 PM	0	74	556	128650
12/9/19 8:00 PM	0	73	556	128650
12/9/19 8:30 PM	0	73	556	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/9/19 9:00 PM	0	73	556	128650
12/9/19 9:30 PM	0	73	555	128650
12/9/19 10:00 PM	0	74	555	128650
12/9/19 10:30 PM	0	74	555	128650
12/9/19 11:00 PM	0	74	555	128650
12/9/19 11:30 PM	0	74	555	128650
12/10/19 12:00 AM	0	74	555	128650
12/10/19 12:30 AM	0	74	555	128650
12/10/19 1:00 AM	0	74	555	128650
12/10/19 1:30 AM	0	74	555	128650
12/10/19 2:00 AM	0	74	555	128650
12/10/19 2:30 AM	0	74	555	128650
12/10/19 3:00 AM	0	74	555	128650
12/10/19 3:30 AM	0	74	554	128650
12/10/19 4:00 AM	0	74	554	128650
12/10/19 4:30 AM	0	74	554	128650
12/10/19 5:00 AM	0	74	554	128650
12/10/19 5:30 AM	0	74	554	128650
12/10/19 6:00 AM	0	74	554	128650
12/10/19 6:30 AM	0	74	554	128650
12/10/19 7:00 AM	0	74	554	128650
12/10/19 7:30 AM	0	74	554	128650
12/10/19 8:00 AM	0	74	555	128650
12/10/19 8:30 AM	0	74	555	128650
12/10/19 9:00 AM	0	74	555	128650
12/10/19 9:30 AM	0	74	555	128650
12/10/19 10:00 AM	0	74	554	128650
12/10/19 10:30 AM	0	75	554	128650
12/10/19 11:00 AM	0	75	554	128650
12/10/19 11:30 AM	0	75	554	128650
12/10/19 12:00 PM	0	75	554	128650
12/10/19 12:30 PM	0	75	554	128650
12/10/19 1:00 PM	0	75	554	128650
12/10/19 1:30 PM	0	75	554	128650
12/10/19 2:00 PM	0	75	554	128650
12/10/19 2:30 PM	0	75	553	128650
12/10/19 3:00 PM	0	76	553	128650
12/10/19 3:30 PM	0	76	553	128650
12/10/19 4:00 PM	0	76	553	128650
12/10/19 4:30 PM	0	76	553	128650
12/10/19 5:00 PM	0	76	553	128650
12/10/19 5:30 PM	0	76	553	128650
12/10/19 6:00 PM	0	76	553	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/10/19 6:30 PM	0	76	553	128650
12/10/19 7:00 PM	0	76	553	128650
12/10/19 7:30 PM	0	76	553	128650
12/10/19 8:00 PM	0	76	553	128650
12/10/19 8:30 PM	0	76	553	128650
12/10/19 9:00 PM	0	76	553	128650
12/10/19 9:30 PM	0	76	553	128650
12/10/19 10:00 PM	0	76	553	128650
12/10/19 10:30 PM	0	76	553	128650
12/10/19 11:00 PM	0	76	553	128650
12/10/19 11:30 PM	0	76	552	128650
12/11/19 12:00 AM	0	76	552	128650
12/11/19 12:30 AM	0	76	552	128650
12/11/19 1:00 AM	0	76	552	128650
12/11/19 1:30 AM	0	76	552	128650
12/11/19 2:00 AM	0	76	552	128650
12/11/19 2:30 AM	0	76	552	128650
12/11/19 3:00 AM	0	76	552	128650
12/11/19 3:30 AM	0	76	552	128650
12/11/19 4:00 AM	0	76	552	128650
12/11/19 4:30 AM	0	76	552	128650
12/11/19 5:00 AM	0	76	552	128650
12/11/19 5:30 AM	0	76	552	128650
12/11/19 6:00 AM	0	76	552	128650
12/11/19 6:30 AM	0	76	552	128650
12/11/19 7:00 AM	0	76	552	128650
12/11/19 7:30 AM	0	76	552	128650
12/11/19 8:00 AM	0	76	552	128650
12/11/19 8:30 AM	0	76	553	128650
12/11/19 9:00 AM	0	77	552	128650
12/11/19 9:30 AM	0	77	552	128650
12/11/19 10:00 AM	0	77	552	128650
12/11/19 10:30 AM	0	77	552	128650
12/11/19 11:00 AM	0	77	552	128650
12/11/19 11:30 AM	0	77	552	128650
12/11/19 12:00 PM	0	77	552	128650
12/11/19 12:30 PM	0	77	552	128650
12/11/19 1:00 PM	0	77	551	128650
12/11/19 1:30 PM	0	77	551	128650
12/11/19 2:00 PM	0	77	551	128650
12/11/19 2:30 PM	0	77	551	128650
12/11/19 3:00 PM	0	78	551	128650
12/11/19 3:30 PM	0	78	551	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/11/19 4:00 PM	0	78	551	128650
12/11/19 4:30 PM	0	78	551	128650
12/11/19 5:00 PM	0	78	551	128650
12/11/19 5:30 PM	0	78	551	128650
12/11/19 6:00 PM	0	78	551	128650
12/11/19 6:30 PM	0	78	551	128650
12/11/19 7:00 PM	0	78	551	128650
12/11/19 7:30 PM	0	78	551	128650
12/11/19 8:00 PM	0	78	551	128650
12/11/19 8:30 PM	0	78	551	128650
12/11/19 9:00 PM	0	78	550	128650
12/11/19 9:30 PM	0	78	551	128650
12/11/19 10:00 PM	0	78	550	128650
12/11/19 10:30 PM	0	78	550	128650
12/11/19 11:00 PM	0	78	550	128650
12/11/19 11:30 PM	0	78	550	128650
12/12/19 12:00 AM	0	78	550	128650
12/12/19 12:30 AM	0	78	550	128650
12/12/19 1:00 AM	0	78	550	128650
12/12/19 1:30 AM	0	78	550	128650
12/12/19 2:00 AM	0	78	550	128650
12/12/19 2:30 AM	0	78	550	128650
12/12/19 3:00 AM	0	78	550	128650
12/12/19 3:30 AM	0	78	550	128650
12/12/19 4:00 AM	0	78	550	128650
12/12/19 4:30 AM	0	78	549	128650
12/12/19 5:00 AM	0	78	549	128650
12/12/19 5:30 AM	0	78	550	128650
12/12/19 6:00 AM	0	78	550	128650
12/12/19 6:30 AM	0	78	550	128650
12/12/19 7:00 AM	0	78	550	128650
12/12/19 7:30 AM	0	78	550	128650
12/12/19 8:00 AM	0	78	550	128650
12/12/19 8:30 AM	0	78	550	128650
12/12/19 9:00 AM	0	78	550	128650
12/12/19 9:30 AM	0	78	550	128650
12/12/19 10:00 AM	0	79	550	128650
12/12/19 10:30 AM	0	79	550	128650
12/12/19 11:00 AM	0	79	550	128650
12/12/19 11:30 AM	0	79	550	128650
12/12/19 12:00 PM	0	79	549	128650
12/12/19 12:30 PM	0	79	549	128650
12/12/19 1:00 PM	0	79	549	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/12/19 1:30 PM	0	79	549	128650
12/12/19 2:00 PM	0	79	549	128650
12/12/19 2:30 PM	0	80	549	128650
12/12/19 3:00 PM	0	80	549	128650
12/12/19 3:30 PM	0	80	549	128650
12/12/19 4:00 PM	0	80	549	128650
12/12/19 4:30 PM	0	80	549	128650
12/12/19 5:00 PM	0	80	549	128650
12/12/19 5:30 PM	0	80	549	128650
12/12/19 6:00 PM	0	80	549	128650
12/12/19 6:30 PM	0	80	549	128650
12/12/19 7:00 PM	0	80	549	128650
12/12/19 7:30 PM	0	80	549	128650
12/12/19 8:00 PM	0	80	549	128650
12/12/19 8:30 PM	0	80	549	128650
12/12/19 9:00 PM	0	80	549	128650
12/12/19 9:30 PM	0	80	549	128650
12/12/19 10:00 PM	0	80	549	128650
12/12/19 10:30 PM	0	80	548	128650
12/12/19 11:00 PM	0	80	548	128650
12/12/19 11:30 PM	0	80	548	128650
12/13/19 12:00 AM	0	80	548	128650
12/13/19 12:30 AM	0	80	548	128650
12/13/19 1:00 AM	0	80	548	128650
12/13/19 1:30 AM	0	80	548	128650
12/13/19 2:00 AM	0	80	548	128650
12/13/19 2:30 AM	0	80	548	128650
12/13/19 3:00 AM	0	80	548	128650
12/13/19 3:30 AM	0	80	548	128650
12/13/19 4:00 AM	0	80	548	128650
12/13/19 4:30 AM	0	80	548	128650
12/13/19 5:00 AM	0	80	548	128650
12/13/19 5:30 AM	0	80	548	128650
12/13/19 6:00 AM	0	80	548	128650
12/13/19 6:30 AM	0	80	548	128650
12/13/19 7:00 AM	0	80	547	128650
12/13/19 7:30 AM	0	80	547	128650
12/13/19 8:00 AM	0	80	548	128650
12/13/19 8:30 AM	0	80	548	128650
12/13/19 9:00 AM	0	80	548	128650
12/13/19 9:30 AM	0	81	548	128650
12/13/19 10:00 AM	0	81	548	128650
12/13/19 10:30 AM	0	81	548	128650

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/13/19 11:00 AM	0	81	548	128650
12/13/19 11:30 AM	0	81	547	128650
12/13/19 12:00 PM	0	81	547	128650
12/13/19 12:30 PM	0	81	547	128650
12/13/19 1:00 PM	0	81	547	128650
12/13/19 1:30 PM	0	81	547	128650
12/13/19 2:00 PM	0	81	547	128650
12/13/19 2:30 PM	0	81	547	128650
12/13/19 3:00 PM	0	81	547	128650
12/13/19 3:30 PM	0	81	547	128650
12/13/19 4:00 PM	0	82	547	128650
12/13/19 4:30 PM	0	82	547	128650
12/13/19 5:00 PM	0	82	547	128650
12/13/19 5:30 PM	0	82	547	128650
12/13/19 6:00 PM	0	82	547	128650
12/13/19 6:30 PM	0	82	547	128650
12/13/19 7:00 PM	0	82	547	128650
12/13/19 7:30 PM	0	82	547	128650
12/13/19 8:00 PM	0	82	547	128650
12/13/19 8:30 PM	0	82	547	128650
12/13/19 9:00 PM	0	82	547	128650
12/13/19 9:30 PM	0	82	546	128650
12/13/19 10:00 PM	0	82	546	128650
12/13/19 10:30 PM	0	82	546	128650
12/13/19 11:00 PM	0	82	546	128650
12/13/19 11:30 PM	0	82	546	128650
12/14/19 12:00 AM	0	82	546	128650
12/14/19 12:30 AM	0	82	546	128650
12/14/19 1:00 AM	0	82	546	128650
12/14/19 1:30 AM	0	82	546	128650
12/14/19 2:00 AM	0	82	546	128650
12/14/19 2:30 AM	0	82	546	128650
12/14/19 3:00 AM	0	82	546	128650
12/14/19 3:30 AM	0	82	546	128650
12/14/19 4:00 AM	0	82	546	128650
12/14/19 4:30 AM	0	82	546	128650
12/14/19 5:00 AM	0	82	546	128650
12/14/19 5:30 AM	0	82	546	128650
12/14/19 6:00 AM	0	82	546	128650
12/14/19 6:30 AM	0	82	546	128650
12/14/19 7:00 AM	0	82	546	128650
12/14/19 7:30 AM	0	82	546	128650
12/14/19 8:00 AM	0	82	546	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/14/19 8:30 AM	0	82	546	128650
12/14/19 9:00 AM	0	83	546	128650
12/14/19 9:30 AM	0	83	546	128650
12/14/19 10:00 AM	0	83	546	128650
12/14/19 10:30 AM	0	83	546	128650
12/14/19 11:00 AM	0	83	546	128650
12/14/19 11:30 AM	0	83	546	128650
12/14/19 12:00 PM	0	83	545	128650
12/14/19 12:30 PM	0	83	545	128650
12/14/19 1:00 PM	0	83	545	128650
12/14/19 1:30 PM	0	83	545	128650
12/14/19 2:00 PM	0	83	545	128650
12/14/19 2:30 PM	0	83	545	128650
12/14/19 3:00 PM	0	83	545	128650
12/14/19 3:30 PM	0	83	545	128650
12/14/19 4:00 PM	0	84	545	128650
12/14/19 4:30 PM	0	84	545	128650
12/14/19 5:00 PM	0	84	545	128650
12/14/19 5:30 PM	0	84	545	128650
12/14/19 6:00 PM	0	84	545	128650
12/14/19 6:30 PM	0	84	545	128650
12/14/19 7:00 PM	0	84	545	128650
12/14/19 7:30 PM	0	84	545	128650
12/14/19 8:00 PM	0	84	545	128650
12/14/19 8:30 PM	0	84	545	128650
12/14/19 9:00 PM	0	84	545	128650
12/14/19 9:30 PM	0	84	545	128650
12/14/19 10:00 PM	0	84	545	128650
12/14/19 10:30 PM	0	84	545	128650
12/14/19 11:00 PM	0	84	544	128650
12/14/19 11:30 PM	0	84	545	128650
12/15/19 12:00 AM	0	84	544	128650
12/15/19 12:30 AM	0	84	544	128650
12/15/19 1:00 AM	0	84	544	128650
12/15/19 1:30 AM	0	84	544	128650
12/15/19 2:00 AM	0	84	544	128650
12/15/19 2:30 AM	0	84	544	128650
12/15/19 3:00 AM	0	84	544	128650
12/15/19 3:30 AM	0	84	544	128650
12/15/19 4:00 AM	0	84	544	128650
12/15/19 4:30 AM	0	84	544	128650
12/15/19 5:00 AM	0	84	544	128650
12/15/19 5:30 AM	0	84	544	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/15/19 6:00 AM	0	84	544	128650
12/15/19 6:30 AM	0	84	544	128650
12/15/19 7:00 AM	0	84	544	128650
12/15/19 7:30 AM	0	84	544	128650
12/15/19 8:00 AM	0	84	544	128650
12/15/19 8:30 AM	0	84	544	128650
12/15/19 9:00 AM	0	84	544	128650
12/15/19 9:30 AM	0	84	544	128650
12/15/19 10:00 AM	0	84	544	128650
12/15/19 10:30 AM	0	84	544	128650
12/15/19 11:00 AM	0	84	544	128650
12/15/19 11:30 AM	0	84	544	128650
12/15/19 12:00 PM	0	84	544	128650
12/15/19 12:30 PM	0	84	544	128650
12/15/19 1:00 PM	0	85	544	128650
12/15/19 1:30 PM	0	85	544	128650
12/15/19 2:00 PM	0	85	543	128650
12/15/19 2:30 PM	0	85	543	128650
12/15/19 3:00 PM	0	85	543	128650
12/15/19 3:30 PM	0	85	543	128650
12/15/19 4:00 PM	0	85	543	128650
12/15/19 4:30 PM	0	85	543	128650
12/15/19 5:00 PM	0	85	543	128650
12/15/19 5:30 PM	0	85	543	128650
12/15/19 6:00 PM	0	85	543	128650
12/15/19 6:30 PM	0	85	543	128650
12/15/19 7:00 PM	0	85	543	128650
12/15/19 7:30 PM	0	85	543	128650
12/15/19 8:00 PM	0	85	543	128650
12/15/19 8:30 PM	0	85	543	128650
12/15/19 9:00 PM	0	85	543	128650
12/15/19 9:30 PM	0	85	543	128650
12/15/19 10:00 PM	0	85	543	128650
12/15/19 10:30 PM	0	85	543	128650
12/15/19 11:00 PM	0	85	543	128650
12/15/19 11:30 PM	0	85	543	128650
12/16/19 12:00 AM	0	85	543	128650
12/16/19 12:30 AM	0	85	542	128650
12/16/19 1:00 AM	0	85	542	128650
12/16/19 1:30 AM	0	85	542	128650
12/16/19 2:00 AM	0	85	542	128650
12/16/19 2:30 AM	0	85	542	128650
12/16/19 3:00 AM	0	85	542	128650

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/16/19 3:30 AM	0	85	542	128650
12/16/19 4:00 AM	0	85	542	128650
12/16/19 4:30 AM	0	85	542	128650
12/16/19 5:00 AM	0	85	542	128650
12/16/19 5:30 AM	0	85	542	128650
12/16/19 6:00 AM	0	85	542	128650
12/16/19 6:30 AM	0	85	542	128650
12/16/19 7:00 AM	0	85	542	128650
12/16/19 7:30 AM	0	85	542	128650
12/16/19 8:00 AM	0	85	543	128650
12/16/19 8:30 AM	0	85	543	128650
12/16/19 9:00 AM	0	85	543	128650
12/16/19 9:30 AM	0	<-6	767	128824
12/16/19 10:00 AM	0	<-6	709	128824
12/16/19 10:30 AM	0	<-6	678	128824
12/16/19 11:00 AM	0	<-6	659	128824
12/16/19 11:30 AM	0	<-6	644	128824
12/16/19 12:00 PM	0	<-6	634	128824
12/16/19 12:30 PM	0	<-6	625	128824
12/16/19 1:00 PM	0	<-6	618	128824
12/16/19 1:30 PM	0	<-6	613	128824
12/16/19 2:00 PM	0	<-6	608	128824
12/16/19 2:30 PM	0	-5	604	128824
12/16/19 3:00 PM	0	-5	601	128824
12/16/19 3:30 PM	0	-4	598	128824
12/16/19 4:00 PM	0	-4	595	128824
12/16/19 4:30 PM	0	-3	593	128824
12/16/19 5:00 PM	0	-2	591	128824
12/16/19 5:30 PM	0	-2	589	128824
12/16/19 6:00 PM	0	-1	587	128824
12/16/19 6:30 PM	0	-1	585	128824
12/16/19 7:00 PM	0	0	584	128824
12/16/19 7:30 PM	0	1	582	128824
12/16/19 8:00 PM	0	1	581	128824
12/16/19 8:30 PM	0	2	580	128824
12/16/19 9:00 PM	0	3	579	128824
12/16/19 9:30 PM	0	4	578	128824
12/16/19 10:00 PM	0	4	577	128824
12/16/19 10:30 PM	0	5	576	128824
12/16/19 11:00 PM	0	6	575	128824
12/16/19 11:30 PM	0	6	573	128824
12/17/19 12:00 AM	0	7	572	128824
12/17/19 12:30 AM	0	8	572	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/17/19 1:00 AM	0	9	571	128824
12/17/19 1:30 AM	0	10	570	128824
12/17/19 2:00 AM	0	10	570	128824
12/17/19 2:30 AM	0	11	569	128824
12/17/19 3:00 AM	0	12	569	128824
12/17/19 3:30 AM	0	13	568	128824
12/17/19 4:00 AM	0	13	569	128824
12/17/19 4:30 AM	0	14	568	128824
12/17/19 5:00 AM	0	15	568	128824
12/17/19 5:30 AM	0	16	567	128824
12/17/19 6:00 AM	0	17	567	128824
12/17/19 6:30 AM	0	18	566	128824
12/17/19 7:00 AM	0	18	565	128824
12/17/19 7:30 AM	0	19	565	128824
12/17/19 8:00 AM	0	20	564	128824
12/17/19 8:30 AM	0	21	564	128824
12/17/19 9:00 AM	0	22	564	128824
12/17/19 9:30 AM	0	23	563	128824
12/17/19 10:00 AM	0	23	563	128824
12/17/19 10:30 AM	0	24	562	128824
12/17/19 11:00 AM	0	25	562	128824
12/17/19 11:30 AM	0	26	562	128824
12/17/19 12:00 PM	0	27	561	128824
12/17/19 12:30 PM	0	27	561	128824
12/17/19 1:00 PM	0	28	560	128824
12/17/19 1:30 PM	0	29	560	128824
12/17/19 2:00 PM	0	29	560	128824
12/17/19 2:30 PM	0	30	560	128824
12/17/19 3:00 PM	0	31	560	128824
12/17/19 3:30 PM	0	31	560	128824
12/17/19 4:00 PM	0	32	559	128824
12/17/19 4:30 PM	0	33	559	128824
12/17/19 5:00 PM	0	33	559	128824
12/17/19 5:30 PM	0	34	559	128824
12/17/19 6:00 PM	0	35	558	128824
12/17/19 6:30 PM	0	35	558	128824
12/17/19 7:00 PM	0	36	558	128824
12/17/19 7:30 PM	0	36	558	128824
12/17/19 8:00 PM	0	37	557	128824
12/17/19 8:30 PM	0	37	557	128824
12/17/19 9:00 PM	0	38	557	128824
12/17/19 9:30 PM	0	38	557	128824
12/17/19 10:00 PM	0	39	557	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/17/19 10:30 PM	0	40	556	128824
12/17/19 11:00 PM	0	40	556	128824
12/17/19 11:30 PM	0	41	556	128824
12/18/19 12:00 AM	0	41	556	128824
12/18/19 12:30 AM	0	41	555	128824
12/18/19 1:00 AM	0	42	555	128824
12/18/19 1:30 AM	0	42	555	128824
12/18/19 2:00 AM	0	43	555	128824
12/18/19 2:30 AM	0	43	555	128824
12/18/19 3:00 AM	0	44	555	128824
12/18/19 3:30 AM	0	44	554	128824
12/18/19 4:00 AM	0	45	555	128824
12/18/19 4:30 AM	0	45	555	128824
12/18/19 5:00 AM	0	45	555	128824
12/18/19 5:30 AM	0	46	555	128824
12/18/19 6:00 AM	0	46	555	128824
12/18/19 6:30 AM	0	47	554	128824
12/18/19 7:00 AM	0	47	554	128824
12/18/19 7:30 AM	0	48	554	128824
12/18/19 8:00 AM	0	48	554	128824
12/18/19 8:30 AM	0	49	554	128824
12/18/19 9:00 AM	0	49	553	128824
12/18/19 9:30 AM	0	50	553	128824
12/18/19 10:00 AM	0	50	553	128824
12/18/19 10:30 AM	0	50	553	128824
12/18/19 11:00 AM	0	51	553	128824
12/18/19 11:30 AM	0	51	552	128824
12/18/19 12:00 PM	0	52	552	128824
12/18/19 12:30 PM	0	52	552	128824
12/18/19 1:00 PM	0	52	552	128824
12/18/19 1:30 PM	0	53	552	128824
12/18/19 2:00 PM	0	53	552	128824
12/18/19 2:30 PM	0	53	552	128824
12/18/19 3:00 PM	0	54	552	128824
12/18/19 3:30 PM	0	54	552	128824
12/18/19 4:00 PM	0	54	552	128824
12/18/19 4:30 PM	0	54	551	128824
12/18/19 5:00 PM	0	55	551	128824
12/18/19 5:30 PM	0	55	551	128824
12/18/19 6:00 PM	0	55	551	128824
12/18/19 6:30 PM	0	55	551	128824
12/18/19 7:00 PM	0	56	551	128824
12/18/19 7:30 PM	0	56	551	128824

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/18/19 8:00 PM	0	56	551	128824
12/18/19 8:30 PM	0	57	551	128824
12/18/19 9:00 PM	0	57	551	128824
12/18/19 9:30 PM	0	57	551	128824
12/18/19 10:00 PM	0	57	551	128824
12/18/19 10:30 PM	0	58	550	128824
12/18/19 11:00 PM	0	58	550	128824
12/18/19 11:30 PM	0	58	550	128824
12/19/19 12:00 AM	0	58	550	128824
12/19/19 12:30 AM	0	59	550	128824
12/19/19 1:00 AM	0	59	550	128824
12/19/19 1:30 AM	0	59	550	128824
12/19/19 2:00 AM	0	59	550	128824
12/19/19 2:30 AM	0	60	549	128824
12/19/19 3:00 AM	0	60	549	128824
12/19/19 3:30 AM	0	60	549	128824
12/19/19 4:00 AM	0	60	549	128824
12/19/19 4:30 AM	0	61	550	128824
12/19/19 5:00 AM	0	61	549	128824
12/19/19 5:30 AM	0	61	549	128824
12/19/19 6:00 AM	0	61	549	128824
12/19/19 6:30 AM	0	62	549	128824
12/19/19 7:00 AM	0	62	549	128824
12/19/19 7:30 AM	0	62	549	128824
12/19/19 8:00 AM	0	62	549	128824
12/19/19 8:30 AM	0	63	549	128824
12/19/19 9:00 AM	0	63	549	128824
12/19/19 9:30 AM	0	63	548	128824
12/19/19 10:00 AM	0	64	548	128824
12/19/19 10:30 AM	0	64	548	128824
12/19/19 11:00 AM	0	64	548	128824
12/19/19 11:30 AM	0	64	548	128824
12/19/19 12:00 PM	0	64	548	128824
12/19/19 12:30 PM	0	65	547	128824
12/19/19 1:00 PM	0	65	547	128824
12/19/19 1:30 PM	0	65	547	128824
12/19/19 2:00 PM	0	65	547	128824
12/19/19 2:30 PM	0	65	547	128824
12/19/19 3:00 PM	0	65	547	128824
12/19/19 3:30 PM	0	66	547	128824
12/19/19 4:00 PM	0	66	547	128824
12/19/19 4:30 PM	0	66	547	128824
12/19/19 5:00 PM	0	66	547	128824

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/19/19 5:30 PM	0	66	547	128824
12/19/19 6:00 PM	0	66	547	128824
12/19/19 6:30 PM	0	66	547	128824
12/19/19 7:00 PM	0	66	547	128824
12/19/19 7:30 PM	0	67	546	128824
12/19/19 8:00 PM	0	67	546	128824
12/19/19 8:30 PM	0	67	546	128824
12/19/19 9:00 PM	0	67	546	128824
12/19/19 9:30 PM	0	67	546	128824
12/19/19 10:00 PM	0	67	546	128824
12/19/19 10:30 PM	0	67	546	128824
12/19/19 11:00 PM	0	67	546	128824
12/19/19 11:30 PM	0	68	546	128824
12/20/19 12:00 AM	0	68	546	128824
12/20/19 12:30 AM	0	68	546	128824
12/20/19 1:00 AM	0	68	546	128824
12/20/19 1:30 AM	0	68	545	128824
12/20/19 2:00 AM	0	68	545	128824
12/20/19 2:30 AM	0	68	545	128824
12/20/19 3:00 AM	0	68	545	128824
12/20/19 3:30 AM	0	68	545	128824
12/20/19 4:00 AM	0	68	546	128824
12/20/19 4:30 AM	0	68	546	128824
12/20/19 5:00 AM	0	69	546	128824
12/20/19 5:30 AM	0	69	546	128824
12/20/19 6:00 AM	0	69	546	128824
12/20/19 6:30 AM	0	69	546	128824
12/20/19 7:00 AM	0	69	546	128824
12/20/19 7:30 AM	0	70	545	128824
12/20/19 8:00 AM	0	70	545	128824
12/20/19 8:30 AM	0	70	545	128824
12/20/19 9:00 AM	0	70	545	128824
12/20/19 9:30 AM	0	71	545	128824
12/20/19 10:00 AM	0	71	545	128824
12/20/19 10:30 AM	0	71	545	128824
12/20/19 11:00 AM	0	71	545	128824
12/20/19 11:30 AM	0	71	544	128824
12/20/19 12:00 PM	0	71	544	128824
12/20/19 12:30 PM	0	71	544	128824
12/20/19 1:00 PM	0	72	544	128824
12/20/19 1:30 PM	0	72	544	128824
12/20/19 2:00 PM	0	72	544	128824
12/20/19 2:30 PM	0	72	544	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/20/19 3:00 PM	0	72	544	128824
12/20/19 3:30 PM	0	72	544	128824
12/20/19 4:00 PM	0	72	544	128824
12/20/19 4:30 PM	0	72	544	128824
12/20/19 5:00 PM	0	72	544	128824
12/20/19 5:30 PM	0	72	544	128824
12/20/19 6:00 PM	0	72	544	128824
12/20/19 6:30 PM	0	72	544	128824
12/20/19 7:00 PM	0	72	544	128824
12/20/19 7:30 PM	0	73	544	128824
12/20/19 8:00 PM	0	73	544	128824
12/20/19 8:30 PM	0	73	543	128824
12/20/19 9:00 PM	0	73	543	128824
12/20/19 9:30 PM	0	73	543	128824
12/20/19 10:00 PM	0	73	543	128824
12/20/19 10:30 PM	0	73	543	128824
12/20/19 11:00 PM	0	73	543	128824
12/20/19 11:30 PM	0	73	543	128824
12/21/19 12:00 AM	0	73	543	128824
12/21/19 12:30 AM	0	73	543	128824
12/21/19 1:00 AM	0	73	543	128824
12/21/19 1:30 AM	0	73	543	128824
12/21/19 2:00 AM	0	73	543	128824
12/21/19 2:30 AM	0	74	543	128824
12/21/19 3:00 AM	0	74	543	128824
12/21/19 3:30 AM	0	74	543	128824
12/21/19 4:00 AM	0	74	543	128824
12/21/19 4:30 AM	0	74	543	128824
12/21/19 5:00 AM	0	74	543	128824
12/21/19 5:30 AM	0	74	543	128824
12/21/19 6:00 AM	0	74	543	128824
12/21/19 6:30 AM	0	74	543	128824
12/21/19 7:00 AM	0	74	543	128824
12/21/19 7:30 AM	0	75	543	128824
12/21/19 8:00 AM	0	75	543	128824
12/21/19 8:30 AM	0	75	543	128824
12/21/19 9:00 AM	0	75	543	128824
12/21/19 9:30 AM	0	75	542	128824
12/21/19 10:00 AM	0	76	542	128824
12/21/19 10:30 AM	0	76	542	128824
12/21/19 11:00 AM	0	76	542	128824
12/21/19 11:30 AM	0	76	542	128824
12/21/19 12:00 PM	0	76	542	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/21/19 12:30 PM	0	76	542	128824
12/21/19 1:00 PM	0	76	542	128824
12/21/19 1:30 PM	0	76	542	128824
12/21/19 2:00 PM	0	76	542	128824
12/21/19 2:30 PM	0	76	542	128824
12/21/19 3:00 PM	0	76	542	128824
12/21/19 3:30 PM	0	76	542	128824
12/21/19 4:00 PM	0	76	542	128824
12/21/19 4:30 PM	0	76	542	128824
12/21/19 5:00 PM	0	77	542	128824
12/21/19 5:30 PM	0	77	542	128824
12/21/19 6:00 PM	0	77	541	128824
12/21/19 6:30 PM	0	77	541	128824
12/21/19 7:00 PM	0	77	541	128824
12/21/19 7:30 PM	0	77	541	128824
12/21/19 8:00 PM	0	77	541	128824
12/21/19 8:30 PM	0	77	541	128824
12/21/19 9:00 PM	0	77	541	128824
12/21/19 9:30 PM	0	77	541	128824
12/21/19 10:00 PM	0	77	541	128824
12/21/19 10:30 PM	0	77	541	128824
12/21/19 11:00 PM	0	77	541	128824
12/21/19 11:30 PM	0	77	541	128824
12/22/19 12:00 AM	0	77	541	128824
12/22/19 12:30 AM	0	77	541	128824
12/22/19 1:00 AM	0	77	541	128824
12/22/19 1:30 AM	0	77	541	128824
12/22/19 2:00 AM	0	78	541	128824
12/22/19 2:30 AM	0	78	540	128824
12/22/19 3:00 AM	0	78	540	128824
12/22/19 3:30 AM	0	78	540	128824
12/22/19 4:00 AM	0	78	541	128824
12/22/19 4:30 AM	0	78	541	128824
12/22/19 5:00 AM	0	78	541	128824
12/22/19 5:30 AM	0	78	541	128824
12/22/19 6:00 AM	0	78	541	128824
12/22/19 6:30 AM	0	78	541	128824
12/22/19 7:00 AM	0	78	541	128824
12/22/19 7:30 AM	0	79	541	128824
12/22/19 8:00 AM	0	79	541	128824
12/22/19 8:30 AM	0	79	540	128824
12/22/19 9:00 AM	0	79	540	128824
12/22/19 9:30 AM	0	79	540	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/22/19 10:00 AM	0	79	540	128824
12/22/19 10:30 AM	0	79	540	128824
12/22/19 11:00 AM	0	79	540	128824
12/22/19 11:30 AM	0	80	540	128824
12/22/19 12:00 PM	0	80	540	128824
12/22/19 12:30 PM	0	80	540	128824
12/22/19 1:00 PM	0	80	540	128824
12/22/19 1:30 PM	0	80	540	128824
12/22/19 2:00 PM	0	80	540	128824
12/22/19 2:30 PM	0	80	540	128824
12/22/19 3:00 PM	0	80	540	128824
12/22/19 3:30 PM	0	80	540	128824
12/22/19 4:00 PM	0	80	540	128824
12/22/19 4:30 PM	0	80	540	128824
12/22/19 5:00 PM	0	80	540	128824
12/22/19 5:30 PM	0	80	540	128824
12/22/19 6:00 PM	0	80	540	128824
12/22/19 6:30 PM	0	80	540	128824
12/22/19 7:00 PM	0	80	540	128824
12/22/19 7:30 PM	0	80	540	128824
12/22/19 8:00 PM	0	80	540	128824
12/22/19 8:30 PM	0	80	539	128824
12/22/19 9:00 PM	0	80	539	128824
12/22/19 9:30 PM	0	80	539	128824
12/22/19 10:00 PM	0	80	539	128824
12/22/19 10:30 PM	0	81	539	128824
12/22/19 11:00 PM	0	81	539	128824
12/22/19 11:30 PM	0	81	539	128824
12/23/19 12:00 AM	0	81	539	128824
12/23/19 12:30 AM	0	81	539	128824
12/23/19 1:00 AM	0	81	539	128824
12/23/19 1:30 AM	0	81	539	128824
12/23/19 2:00 AM	0	81	539	128824
12/23/19 2:30 AM	0	81	539	128824
12/23/19 3:00 AM	0	81	539	128824
12/23/19 3:30 AM	0	81	539	128824
12/23/19 4:00 AM	0	81	539	128824
12/23/19 4:30 AM	0	81	539	128824
12/23/19 5:00 AM	0	81	539	128824
12/23/19 5:30 AM	0	81	539	128824
12/23/19 6:00 AM	0	81	539	128824
12/23/19 6:30 AM	0	81	539	128824
12/23/19 7:00 AM	0	81	539	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/23/19 7:30 AM	0	81	539	128824
12/23/19 8:00 AM	0	81	539	128824
12/23/19 8:30 AM	0	82	539	128824
12/23/19 9:00 AM	0	82	539	128824
12/23/19 9:30 AM	0	82	539	128824
12/23/19 10:00 AM	0	82	539	128824
12/23/19 10:30 AM	0	82	538	128824
12/23/19 11:00 AM	0	82	538	128824
12/23/19 11:30 AM	0	82	538	128824
12/23/19 12:00 PM	0	82	538	128824
12/23/19 12:30 PM	0	82	538	128824
12/23/19 1:00 PM	0	82	538	128824
12/23/19 1:30 PM	0	82	538	128824
12/23/19 2:00 PM	0	82	538	128824
12/23/19 2:30 PM	0	82	538	128824
12/23/19 3:00 PM	0	83	538	128824
12/23/19 3:30 PM	0	83	538	128824
12/23/19 4:00 PM	0	83	538	128824
12/23/19 4:30 PM	0	83	538	128824
12/23/19 5:00 PM	0	83	538	128824
12/23/19 5:30 PM	0	83	538	128824
12/23/19 6:00 PM	0	83	538	128824
12/23/19 6:30 PM	0	83	538	128824
12/23/19 7:00 PM	0	83	538	128824
12/23/19 7:30 PM	0	83	538	128824
12/23/19 8:00 PM	0	83	538	128824
12/23/19 8:30 PM	0	83	538	128824
12/23/19 9:00 PM	0	83	538	128824
12/23/19 9:30 PM	0	83	538	128824
12/23/19 10:00 PM	0	83	537	128824
12/23/19 10:30 PM	0	83	538	128824
12/23/19 11:00 PM	0	83	538	128824
12/23/19 11:30 PM	0	83	538	128824
12/24/19 12:00 AM	0	83	538	128824
12/24/19 12:30 AM	0	83	537	128824
12/24/19 1:00 AM	0	83	537	128824
12/24/19 1:30 AM	0	83	537	128824
12/24/19 2:00 AM	0	83	537	128824
12/24/19 2:30 AM	0	84	537	128824
12/24/19 3:00 AM	0	84	537	128824
12/24/19 3:30 AM	0	84	537	128824
12/24/19 4:00 AM	0	84	537	128824
12/24/19 4:30 AM	0	84	537	128824

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/24/19 5:00 AM	0	84	537	128824
12/24/19 5:30 AM	0	84	537	128824
12/24/19 6:00 AM	0	84	537	128824
12/24/19 6:30 AM	0	84	537	128824
12/24/19 7:00 AM	0	84	537	128824
12/24/19 7:30 AM	0	84	537	128824
12/24/19 8:00 AM	0	84	537	128824
12/24/19 8:30 AM	0	84	537	128824
12/24/19 9:00 AM	0	84	537	128824
12/24/19 9:30 AM	0	84	537	128824
12/24/19 10:00 AM	0	84	537	128824
12/24/19 10:30 AM	0	84	537	128824
12/24/19 11:00 AM	0	85	537	128824
12/24/19 11:30 AM	0	85	537	128824
12/24/19 12:00 PM	0	85	537	128824
12/24/19 12:30 PM	0	85	537	128824
12/24/19 1:00 PM	0	85	537	128824
12/24/19 1:30 PM	0	85	537	128824
12/24/19 2:00 PM	0	85	537	128824
12/24/19 2:30 PM	0	85	537	128824
12/24/19 3:00 PM	0	85	536	128824
12/24/19 3:30 PM	0	85	536	128824
12/24/19 4:00 PM	0	85	536	128824
12/24/19 4:30 PM	0	85	536	128824
12/24/19 5:00 PM	0	85	536	128824
12/24/19 5:30 PM	0	85	536	128824
12/24/19 6:00 PM	0	85	536	128824
12/24/19 6:30 PM	0	85	536	128824
12/24/19 7:00 PM	0	85	536	128824
12/24/19 7:30 PM	0	85	536	128824
12/24/19 8:00 PM	0	85	536	128824
12/24/19 8:30 PM	0	85	536	128824
12/24/19 9:00 PM	0	85	536	128824
12/24/19 9:30 PM	0	85	536	128824
12/24/19 10:00 PM	0	85	536	128824
12/24/19 10:30 PM	0	85	536	128824
12/24/19 11:00 PM	0	85	536	128824
12/24/19 11:30 PM	0	85	536	128824
12/25/19 12:00 AM	0	85	536	128824
12/25/19 12:30 AM	0	86	536	128824
12/25/19 1:00 AM	0	86	536	128824
12/25/19 1:30 AM	0	86	536	128824
12/25/19 2:00 AM	0	86	536	128824

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/25/19 2:30 AM	0	86	536	128824
12/25/19 3:00 AM	0	86	536	128824
12/25/19 3:30 AM	0	86	536	128824
12/25/19 4:00 AM	0	86	536	128824
12/25/19 4:30 AM	0	86	536	128824
12/25/19 5:00 AM	0	86	536	128824
12/25/19 5:30 AM	0	86	536	128824
12/25/19 6:00 AM	0	86	536	128824
12/25/19 6:30 AM	0	86	536	128824
12/25/19 7:00 AM	0	86	536	128824
12/25/19 7:30 AM	0	86	536	128824
12/25/19 8:00 AM	0	86	535	128824
12/25/19 8:30 AM	0	86	535	128824
12/25/19 9:00 AM	0	86	535	128824
12/25/19 9:30 AM	0	87	535	128824
12/25/19 10:00 AM	0	87	535	128824
12/25/19 10:30 AM	0	87	535	128824
12/25/19 11:00 AM	0	87	535	128824
12/25/19 11:30 AM	0	87	535	128824
12/25/19 12:00 PM	0	87	535	128824
12/25/19 12:30 PM	0	87	535	128824
12/25/19 1:00 PM	0	87	535	128824
12/25/19 1:30 PM	0	87	535	128824
12/25/19 2:00 PM	0	87	535	128824
12/25/19 2:30 PM	0	87	535	128824
12/25/19 3:00 PM	0	87	535	128824
12/25/19 3:30 PM	0	87	535	128824
12/25/19 4:00 PM	0	87	535	128824
12/25/19 4:30 PM	0	87	535	128824
12/25/19 5:00 PM	0	87	535	128824
12/25/19 5:30 PM	0	87	535	128824
12/25/19 6:00 PM	0	87	535	128824
12/25/19 6:30 PM	0	87	535	128824
12/25/19 7:00 PM	0	87	535	128824
12/25/19 7:30 PM	0	87	535	128824
12/25/19 8:00 PM	0	87	535	128824
12/25/19 8:30 PM	0	87	535	128824
12/25/19 9:00 PM	0	87	534	128824
12/25/19 9:30 PM	0	87	534	128824
12/25/19 10:00 PM	0	87	534	128824
12/25/19 10:30 PM	0	87	534	128824
12/25/19 11:00 PM	0	87	534	128824
12/25/19 11:30 PM	0	87	534	128824

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
12/26/19 12:00 AM	0	87	534	128824
12/26/19 12:30 AM	0	87	534	128824
12/26/19 1:00 AM	0	87	534	128824
12/26/19 1:30 AM	0	87	534	128824
12/26/19 2:00 AM	0	87	534	128824
12/26/19 2:30 AM	0	87	534	128824
12/26/19 3:00 AM	0	87	534	128824
12/26/19 3:30 AM	0	87	534	128824
12/26/19 4:00 AM	0	87	534	128824
12/26/19 4:30 AM	0	87	535	128824
12/26/19 5:00 AM	0	87	535	128824
12/26/19 5:30 AM	0	88	534	128824
12/26/19 6:00 AM	0	88	534	128824
12/26/19 6:30 AM	0	88	534	128824
12/26/19 7:00 AM	0	88	534	128824
12/26/19 7:30 AM	0	88	534	128824
12/26/19 8:00 AM	0	88	534	128824
12/26/19 8:30 AM	0	88	534	128824
12/26/19 9:00 AM	0	88	534	128824
12/26/19 9:30 AM	0	88	534	128824
12/26/19 10:00 AM	0	88	534	128824
12/26/19 10:30 AM	0	88	534	128824
12/26/19 11:00 AM	0	88	534	128824
12/26/19 11:30 AM	0	88	534	128824
12/26/19 12:00 PM	0	89	534	128824
12/26/19 12:30 PM	0	89	533	128824
12/26/19 1:00 PM	0	89	533	128824
12/26/19 1:30 PM	0	89	533	128824
12/26/19 2:00 PM	0	89	533	128824
12/26/19 2:30 PM	0	89	534	128824
12/26/19 3:00 PM	0	89	534	128824
12/26/19 3:30 PM	0	89	534	128824
12/26/19 4:00 PM	0	89	533	128824
12/26/19 4:30 PM	0	89	533	128824
12/26/19 5:00 PM	0	89	533	128824
12/26/19 5:30 PM	0	89	533	128824
12/26/19 6:00 PM	0	89	533	128824
12/26/19 6:30 PM	0	89	533	128824
12/26/19 7:00 PM	0	89	533	128824
12/26/19 7:30 PM	0	89	533	128824
12/26/19 8:00 PM	0	89	533	128824
12/26/19 8:30 PM	0	89	533	128824
12/26/19 9:00 PM	0	89	533	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/26/19 9:30 PM	0	89	533	128824
12/26/19 10:00 PM	0	89	533	128824
12/26/19 10:30 PM	0	89	533	128824
12/26/19 11:00 PM	0	89	533	128824
12/26/19 11:30 PM	0	89	533	128824
12/27/19 12:00 AM	0	89	533	128824
12/27/19 12:30 AM	0	89	533	128824
12/27/19 1:00 AM	0	89	533	128824
12/27/19 1:30 AM	0	89	533	128824
12/27/19 2:00 AM	0	89	533	128824
12/27/19 2:30 AM	0	89	533	128824
12/27/19 3:00 AM	0	89	533	128824
12/27/19 3:30 AM	0	89	533	128824
12/27/19 4:00 AM	0	89	533	128824
12/27/19 4:30 AM	0	89	533	128824
12/27/19 5:00 AM	0	89	533	128824
12/27/19 5:30 AM	0	89	533	128824
12/27/19 6:00 AM	0	89	533	128824
12/27/19 6:30 AM	0	89	533	128824
12/27/19 7:00 AM	0	89	533	128824
12/27/19 7:30 AM	0	89	533	128824
12/27/19 8:00 AM	0	89	532	128824
12/27/19 8:30 AM	0	89	533	128824
12/27/19 9:00 AM	0	89	533	128824
12/27/19 9:30 AM	0	90	533	128824
12/27/19 10:00 AM	0	90	533	128824
12/27/19 10:30 AM	0	90	533	128824
12/27/19 11:00 AM	0	90	532	128824
12/27/19 11:30 AM	0	90	532	128824
12/27/19 12:00 PM	0	90	532	128824
12/27/19 12:30 PM	0	90	532	128824
12/27/19 1:00 PM	0	90	532	128824
12/27/19 1:30 PM	0	90	532	128824
12/27/19 2:00 PM	0	90	532	128824
12/27/19 2:30 PM	0	90	532	128824
12/27/19 3:00 PM	0	90	532	128824
12/27/19 3:30 PM	0	90	532	128824
12/27/19 4:00 PM	0	90	532	128824
12/27/19 4:30 PM	0	90	532	128824
12/27/19 5:00 PM	0	90	532	128824
12/27/19 5:30 PM	0	90	532	128824
12/27/19 6:00 PM	0	90	532	128824
12/27/19 6:30 PM	0	90	532	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/27/19 7:00 PM	0	90	532	128824
12/27/19 7:30 PM	0	90	532	128824
12/27/19 8:00 PM	0	90	532	128824
12/27/19 8:30 PM	0	90	532	128824
12/27/19 9:00 PM	0	90	532	128824
12/27/19 9:30 PM	0	90	532	128824
12/27/19 10:00 PM	0	90	532	128824
12/27/19 10:30 PM	0	90	532	128824
12/27/19 11:00 PM	0	90	532	128824
12/27/19 11:30 PM	0	90	532	128824
12/28/19 12:00 AM	0	90	532	128824
12/28/19 12:30 AM	0	90	532	128824
12/28/19 1:00 AM	0	90	532	128824
12/28/19 1:30 AM	0	90	532	128824
12/28/19 2:00 AM	0	90	532	128824
12/28/19 2:30 AM	0	90	532	128824
12/28/19 3:00 AM	0	90	532	128824
12/28/19 3:30 AM	0	90	532	128824
12/28/19 4:00 AM	0	90	532	128824
12/28/19 4:30 AM	0	90	532	128824
12/28/19 5:00 AM	0	90	532	128824
12/28/19 5:30 AM	0	90	532	128824
12/28/19 6:00 AM	0	90	532	128824
12/28/19 6:30 AM	0	90	532	128824
12/28/19 7:00 AM	0	91	532	128824
12/28/19 7:30 AM	0	91	531	128824
12/28/19 8:00 AM	0	91	532	128824
12/28/19 8:30 AM	0	91	532	128824
12/28/19 9:00 AM	0	91	531	128824
12/28/19 9:30 AM	0	91	531	128824
12/28/19 10:00 AM	0	91	532	128824
12/28/19 10:30 AM	0	91	531	128824
12/28/19 11:00 AM	0	91	531	128824
12/28/19 11:30 AM	0	91	531	128824
12/28/19 12:00 PM	0	91	531	128824
12/28/19 12:30 PM	0	91	531	128824
12/28/19 1:00 PM	0	91	531	128824
12/28/19 1:30 PM	0	91	531	128824
12/28/19 2:00 PM	0	91	531	128824
12/28/19 2:30 PM	0	91	531	128824
12/28/19 3:00 PM	0	91	531	128824
12/28/19 3:30 PM	0	91	531	128824
12/28/19 4:00 PM	0	91	531	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/28/19 4:30 PM	0	91	531	128824
12/28/19 5:00 PM	0	91	531	128824
12/28/19 5:30 PM	0	91	531	128824
12/28/19 6:00 PM	0	91	531	128824
12/28/19 6:30 PM	0	91	531	128824
12/28/19 7:00 PM	0	91	530	128824
12/28/19 7:30 PM	0	91	530	128824
12/28/19 8:00 PM	0	91	530	128824
12/28/19 8:30 PM	0	91	530	128824
12/28/19 9:00 PM	0	91	530	128824
12/28/19 9:30 PM	0	91	531	128824
12/28/19 10:00 PM	0	91	531	128824
12/28/19 10:30 PM	0	91	531	128824
12/28/19 11:00 PM	0	91	530	128824
12/28/19 11:30 PM	0	91	530	128824
12/29/19 12:00 AM	0	91	530	128824
12/29/19 12:30 AM	0	91	530	128824
12/29/19 1:00 AM	0	91	530	128824
12/29/19 1:30 AM	0	91	530	128824
12/29/19 2:00 AM	0	91	530	128824
12/29/19 2:30 AM	0	90	530	128824
12/29/19 3:00 AM	0	90	530	128824
12/29/19 3:30 AM	0	90	530	128824
12/29/19 4:00 AM	0	90	530	128824
12/29/19 4:30 AM	0	90	531	128824
12/29/19 5:00 AM	0	90	531	128824
12/29/19 5:30 AM	0	90	531	128824
12/29/19 6:00 AM	0	90	531	128824
12/29/19 6:30 AM	0	90	531	128824
12/29/19 7:00 AM	0	90	531	128824
12/29/19 7:30 AM	0	90	530	128824
12/29/19 8:00 AM	0	90	530	128824
12/29/19 8:30 AM	0	91	530	128824
12/29/19 9:00 AM	0	91	530	128824
12/29/19 9:30 AM	0	91	530	128824
12/29/19 10:00 AM	0	91	530	128824
12/29/19 10:30 AM	0	91	530	128824
12/29/19 11:00 AM	0	91	530	128824
12/29/19 11:30 AM	0	91	530	128824
12/29/19 12:00 PM	0	91	530	128824
12/29/19 12:30 PM	0	91	530	128824
12/29/19 1:00 PM	0	91	529	128824
12/29/19 1:30 PM	0	91	530	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/29/19 2:00 PM	0	91	530	128824
12/29/19 2:30 PM	0	91	530	128824
12/29/19 3:00 PM	0	91	530	128824
12/29/19 3:30 PM	0	91	530	128824
12/29/19 4:00 PM	0	91	530	128824
12/29/19 4:30 PM	0	91	530	128824
12/29/19 5:00 PM	0	91	529	128824
12/29/19 5:30 PM	0	91	529	128824
12/29/19 6:00 PM	0	91	529	128824
12/29/19 6:30 PM	0	91	529	128824
12/29/19 7:00 PM	0	91	529	128824
12/29/19 7:30 PM	0	91	529	128824
12/29/19 8:00 PM	0	91	529	128824
12/29/19 8:30 PM	0	91	529	128824
12/29/19 9:00 PM	0	91	529	128824
12/29/19 9:30 PM	0	91	529	128824
12/29/19 10:00 PM	0	91	529	128824
12/29/19 10:30 PM	0	91	529	128824
12/29/19 11:00 PM	0	91	529	128824
12/29/19 11:30 PM	0	90	529	128824
12/30/19 12:00 AM	0	90	529	128824
12/30/19 12:30 AM	0	90	529	128824
12/30/19 1:00 AM	0	90	528	128824
12/30/19 1:30 AM	0	90	529	128824
12/30/19 2:00 AM	0	90	529	128824
12/30/19 2:30 AM	0	90	529	128824
12/30/19 3:00 AM	0	90	529	128824
12/30/19 3:30 AM	0	90	529	128824
12/30/19 4:00 AM	0	90	529	128824
12/30/19 4:30 AM	0	90	530	128824
12/30/19 5:00 AM	0	90	530	128824
12/30/19 5:30 AM	0	90	530	128824
12/30/19 6:00 AM	0	90	530	128824
12/30/19 6:30 AM	0	90	530	128824
12/30/19 7:00 AM	0	90	529	128824
12/30/19 7:30 AM	0	90	529	128824
12/30/19 8:00 AM	0	90	529	128824
12/30/19 8:30 AM	0	90	529	128824
12/30/19 9:00 AM	0	90	529	128824
12/30/19 9:30 AM	0	90	529	128824
12/30/19 10:00 AM	0	90	529	128824
12/30/19 10:30 AM	0	90	529	128824
12/30/19 11:00 AM	0	90	529	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/30/19 11:30 AM	0	90	529	128824
12/30/19 12:00 PM	0	91	528	128824
12/30/19 12:30 PM	0	91	528	128824
12/30/19 1:00 PM	0	91	528	128824
12/30/19 1:30 PM	0	91	528	128824
12/30/19 2:00 PM	0	91	528	128824
12/30/19 2:30 PM	0	91	528	128824
12/30/19 3:00 PM	0	91	528	128824
12/30/19 3:30 PM	0	91	528	128824
12/30/19 4:00 PM	0	91	528	128824
12/30/19 4:30 PM	0	90	528	128824
12/30/19 5:00 PM	0	90	528	128824
12/30/19 5:30 PM	0	90	528	128824
12/30/19 6:00 PM	0	90	528	128824
12/30/19 6:30 PM	0	90	528	128824
12/30/19 7:00 PM	0	90	528	128824
12/30/19 7:30 PM	0	90	528	128824
12/30/19 8:00 PM	0	90	528	128824
12/30/19 8:30 PM	0	90	528	128824
12/30/19 9:00 PM	0	90	528	128824
12/30/19 9:30 PM	0	90	528	128824
12/30/19 10:00 PM	0	90	528	128824
12/30/19 10:30 PM	0	90	528	128824
12/30/19 11:00 PM	0	90	528	128824
12/30/19 11:30 PM	0	90	528	128824
12/31/19 12:00 AM	0	90	528	128824
12/31/19 12:30 AM	0	90	528	128824
12/31/19 1:00 AM	0	90	528	128824
12/31/19 1:30 AM	0	90	528	128824
12/31/19 2:00 AM	0	90	528	128824
12/31/19 2:30 AM	0	90	528	128824
12/31/19 3:00 AM	0	90	528	128824
12/31/19 3:30 AM	0	90	528	128824
12/31/19 4:00 AM	0	89	528	128824
12/31/19 4:30 AM	0	89	528	128824
12/31/19 5:00 AM	0	89	529	128824
12/31/19 5:30 AM	0	89	528	128824
12/31/19 6:00 AM	0	89	528	128824
12/31/19 6:30 AM	0	89	528	128824
12/31/19 7:00 AM	0	89	528	128824
12/31/19 7:30 AM	0	89	528	128824
12/31/19 8:00 AM	0	89	528	128824
12/31/19 8:30 AM	0	90	528	128824

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
12/31/19 9:00 AM	0	90	528	128824
12/31/19 9:30 AM	0	90	528	128824
12/31/19 10:00 AM	0	90	528	128824
12/31/19 10:30 AM	0	90	528	128824
12/31/19 11:00 AM	0	90	527	128824
12/31/19 11:30 AM	0	90	527	128824
12/31/19 12:00 PM	0	90	527	128824
12/31/19 12:30 PM	0	90	527	128824
12/31/19 1:00 PM	0	90	527	128824
12/31/19 1:30 PM	0	90	527	128824
12/31/19 2:00 PM	0	90	527	128824
12/31/19 2:30 PM	0	90	527	128824
12/31/19 3:00 PM	0	90	527	128824
12/31/19 3:30 PM	0	90	527	128824
12/31/19 4:00 PM	0	90	527	128824
12/31/19 4:30 PM	0	90	527	128824
12/31/19 5:00 PM	0	90	527	128824
12/31/19 5:30 PM	0	90	527	128824
12/31/19 6:00 PM	0	90	527	128824
12/31/19 6:30 PM	0	90	527	128824
12/31/19 7:00 PM	0	90	527	128824
12/31/19 7:30 PM	0	90	527	128824
12/31/19 8:00 PM	0	90	527	128824
12/31/19 8:30 PM	30	<-6	954	128750
12/31/19 9:00 PM	31	<-6	990	128796
12/31/19 9:30 PM	32	-4	853	128682
12/31/19 10:00 PM	32	<-6	898	128705
12/31/19 10:30 PM	32	34	761	128659
12/31/19 11:00 PM	32	<-6	973	128773
12/31/19 11:30 PM	33	<-6	929	128728
1/1/20 12:00 AM	33	<-6	1003	128819

Chavez, Carl J, EMNRD

From: Robinson, Kelly <KRobinson3@Marathonpetroleum.com>
Sent: Friday, November 15, 2019 5:03 PM
To: Chavez, Carl J, EMNRD
Cc: Kuehling, Monica, EMNRD; Roberts, Tommy D; Davis, Bruce D
Subject: [EXT] 3Q Injection Well Report
Attachments: 3Q Injection Well Report.pdf

Good Afternoon Sir,

Attached is a copy of the 3rd Quarter 2019 Injection Well Report. A hard copy has been sent to you for your files. If you have any questions or need any additional information, please feel free to contact me at your convenience.

Thank you so much for your time!

Sincerely,

Kelly R. Robinson | Environmental Supervisor– Pipe Line Division

Marathon Petroleum / Western Refining | 111 County Road 4990, Bloomfield, NM 87413

Office: 505.632.4166 | Mobile: 505.801.5616 | KRobinson3@MarathonPetroleum.com

Please update my email address in your system as it has recently changed.



November 14, 2019

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

UPS Tracker #:1ZT4B34K2520027410 (NMOCD-Santa Fe)

RE: 3rd Quarter 2019 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between July 1st, 2019 and September 30st, 2019, which includes the following:

- Attachment A: 2019 Quarterly Injection Well Table
- Attachment B: Analytical summary of quarterly samples collected in September 2019
- Attachment C: Copy of quarterly analytical report
- Attachment D: Summary of Well Operational Logs

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or krobinson3@marathonpetroleum.com

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

ATTACHMENT A

Quarterly Injection Well Report

TABLE 1

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL
P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT
DISCHARGE PERMIT UICI-011 (WDW #2)
U.L: H, SEC 27, T29N, R11W
API #: 30-045-35747

PERIOD 2019	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	58,422	673,000	218,274	601	1,267	543	726	82	-5	42	28	23	25
FEB	0	789,000	210,252	563	1,424	601	760	114	-4	64	44	5	32
MAR	0	1,156,000	165,858	633	1,390	611	784	119	-2	62	34	20	25
APR	74,046	885,000	170,856	526	1,302	462	870	84	1	40	19	1	15
MAY	36,456	1,411,000	0	745	689	602	637	132	84	113	0	0	0
JUN	1,092	1,259,000	7,938	716	964	570	587	149	6	136	27	24	15
JUL	52,836	1,059,000	0	744	579	541	555	163	139	154	0	0	0
AUG	0	1,076,000	0	745	542	523	532	172	161	167	0	0	0
SEP	0	991,000	81,690	678	1,194	516	591	175	0	128	36	28	33
OCT													
NOV													
DEC													
The total amount injected in 2019 is:			854,868	gallons									

CERTIFICATION: *John R. Rasmussen*

DATE: 11-11-2019

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2018 Quarterly Analytical Summary

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter	3rd Quarter
Volatile Organic Compounds (mg/L)				3/29/2019	6/26/2019	9/22/2019
D029	1,1-Dichloroethene	0.70	5	<0.70	<0.20	<0.20
D028	1,2-Dichloroethane (EDC)	0.50	10	<0.50	<0.20	<0.20
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.20	<0.20
D035	2-Butanone (MEK)	200		<200	<0.20	<2.0
D018	Benzene	0.50	10	<0.50	<0.50	<0.50
D019	Carbon Tetrachloride	0.50	10	<0.50	<0.20	<0.20
D021	Chlorobenzene	100		<100	<0.20	<0.20
D022	Chloroform	6.0	100	<6.0	<0.20	<0.20
D033	Hexachlorobutadiene	0.50		<0.50	<0.20	<0.20
D039	Tetrachloroethene (PCE)	0.70	20	<0.70	<0.20	<0.20
D040	Trichloroethene (TCE)	0.50	100	<0.50	<0.20	<0.20
D043	Vinyl chloride	0.20	1	<0.20	<0.20	<0.20
Semi-Volatile Organic Compounds (mg/L)						
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.050	<0.20
D041	2,4,5-Trichlorophenol	400		<400	<0.050	<400
D042	2,4,6-Trichlorophenol	2.0		<2.0	<0.050	<2.0
D030	2,4-Dinitrotoluene	0.13		<0.13	<0.050	<0.13
D023	2-Methylphenol (o-Cresol)	200		<200	0.067	<200
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200	0.260	<200
D032	Hexachlorobenzene	0.13		<0.13	<0.050	<0.13
D033	Hexachlorobutadiene	0.50		<0.50	<0.050	<0.50
D034	Hexachloroethane	3.0		<3.0	<0.050	<3.0
D036	Nitrobenzene	2.0		<2.0	<0.050	<2.0
D037	Pentachlorophenol	100		<100	<0.100	<100
D038	Pyridine	5.0		<5.0	<0.050	<5.0
General Chemistry (mg/L unless otherwise stated)						
	Specific Conductance (umhos/cm)			4500	4800	4700
	Bromide				4.0	4.2
	Chloride		250 *	1300	1100	1100
	Fluoride			<10	<1.0	<0.50
	Nitrate + Nitrite as N			<1.0	<2.0	<1.0
	Phosphorus, Orthophosphate (As P)			<5.0	<5.0	<5.0
	Sulfate		600 *	80	<5.0	34
	Total Dissolved Solids		10,000	3350	3410	2750
	pH (pH Units)			6.72	4.9	7.7
	Bicarbonate (As CaCO3)			430.6	324.7	786.5
	Carbonate (As CaCO3)			<2.00	<2.00	<2.00
	Total Alkalinity (as CaCO3)			430.6	327.7	786.5
	Oxidation-Reduction Potential (mV)			-45	27	160
	Specific Gravity			1.001	0.9985	0.9968
Total Metals (mg/L)						
D004	Arsenic	5.0		<5.0	<0.020	<0.020
D005	Barium	100		<100	0.52	0.36
D006	Cadmium	1.0		<1.0	<0.0020	<0.0020
D007	Chromium	5.0		<5.0	<0.0060	<0.0060
D008	Lead	5.0		<5.0	<0.0050	<0.0050
D010	Selenium	1.0		<1.0	<0.050	<0.050
D011	Silver	5.0		<5.0	<0.0050	<0.0050
D009	Mercury	0.2	0.002	<0.020	<0.0010	<0.00020
Dissolved Metals (mg/L)						
	Calcium		0.01	110	130	100
	Magnesium			42	44	47
	Potassium			<20	14	13
	Sodium			790	830	870
Ignitability, Corrosivity, and Reactivity						
D003	Reactive Cyanide (mg/L)			<0.0050	<0.0050	<0.0050
D003	Reactive Sulfide (mg/L)			<0.050	0.17	0.29
D001	Ignitability (°F)	<140° F		>170	>170	>170
D002	Corrosivity (pH Units)	<2 or >12.5	6-9	6.7	4.98	7.48
Pesticides (mg/L)						
	Chlordane	0.03		<0.030	<0.005	<0.030
Field Parameters						
	Temperature (°F)			65.5	78.44**	79.34

Notes:

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

** = Reported value was modified in 3Q2019 report to reflect degrees F as opposed to the initial degrees C reading.

APPENDIX C

Analytical Laboratory Report



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

October 11, 2019

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX

RE: Injection Well 2 3Q2019

OrderNo.: 1909880

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/17/2019 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
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Case Narrative

WO#: 1909880
Date: 10/11/2019

CLIENT: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Analytical Notes Regarding EPA Method 8270:

The 8270 sample "S" flagged spike compounds and surrogates had low recoveries likely due to the sample matrix.

Analytical Report

Lab Order 1909880

Date Reported: 10/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 9/16/2019 3:00:00 PM

Lab ID: 1909880-001

Matrix: AQUEOUS

Received Date: 9/17/2019 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES TCLP							Analyst: JME
Chlordane	ND	0.030		mg/L	1	9/25/2019 9:59:31 AM	47640
Surr: Decachlorobiphenyl	56.3	29.4-99.8		%Rec	1	9/25/2019 9:59:31 AM	47640
Surr: Tetrachloro-m-xylene	47.0	20.7-100		%Rec	1	9/25/2019 9:59:31 AM	47640
EPA METHOD 8270C TCLP							Analyst: DAM
2-Methylphenol	ND	200		mg/L	1	9/26/2019 3:26:04 PM	47613
3+4-Methylphenol	ND	200		mg/L	1	9/26/2019 3:26:04 PM	47613
2,4-Dinitrotoluene	ND	0.13		mg/L	1	9/26/2019 3:26:04 PM	47613
Hexachlorobenzene	ND	0.13		mg/L	1	9/26/2019 3:26:04 PM	47613
Hexachlorobutadiene	ND	0.50		mg/L	1	9/26/2019 3:26:04 PM	47613
Hexachloroethane	ND	3.0		mg/L	1	9/26/2019 3:26:04 PM	47613
Nitrobenzene	ND	2.0		mg/L	1	9/26/2019 3:26:04 PM	47613
Pentachlorophenol	ND	100		mg/L	1	9/26/2019 3:26:04 PM	47613
Pyridine	ND	5.0		mg/L	1	9/26/2019 3:26:04 PM	47613
2,4,5-Trichlorophenol	ND	400		mg/L	1	9/26/2019 3:26:04 PM	47613
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	9/26/2019 3:26:04 PM	47613
Cresols, Total	ND	200		mg/L	1	9/26/2019 3:26:04 PM	47613
Surr: 2-Fluorophenol	34.7	15-82.5		%Rec	1	9/26/2019 3:26:04 PM	47613
Surr: Phenol-d5	27.8	15-74.2		%Rec	1	9/26/2019 3:26:04 PM	47613
Surr: 2,4,6-Tribromophenol	16.3	18.6-118	S	%Rec	1	9/26/2019 3:26:04 PM	47613
Surr: Nitrobenzene-d5	38.5	30.4-106		%Rec	1	9/26/2019 3:26:04 PM	47613
Surr: 2-Fluorobiphenyl	6.68	15-104	S	%Rec	1	9/26/2019 3:26:04 PM	47613
Surr: 4-Terphenyl-d14	9.04	15-133	S	%Rec	1	9/26/2019 3:26:04 PM	47613
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	0.9968	0			1	10/1/2019 1:07:00 PM	R63333
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	0.50		mg/L	5	9/27/2019 6:02:01 PM	R63285
Chloride	1100	50	*	mg/L	100	9/19/2019 2:05:17 PM	R63067
Bromide	4.2	1.0		mg/L	10	9/19/2019 1:52:52 PM	R63067
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	9/19/2019 1:52:52 PM	R63067
Sulfate	34	5.0		mg/L	10	9/19/2019 1:52:52 PM	R63067
Nitrate+Nitrite as N	ND	1.0		mg/L	5	9/27/2019 6:14:25 PM	R63285
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	4700	5.0		µmhos/c	1	9/19/2019 3:45:08 PM	R63062
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO ₃)	786.5	20.00		mg/L Ca	1	9/19/2019 3:45:08 PM	R63062
Carbonate (As CaCO ₃)	ND	2.000		mg/L Ca	1	9/19/2019 3:45:08 PM	R63062
Total Alkalinity (as CaCO ₃)	786.5	20.00		mg/L Ca	1	9/19/2019 3:45:08 PM	R63062

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

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

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

Analytical Report

Lab Order 1909880

Date Reported: 10/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 9/16/2019 3:00:00 PM

Lab ID: 1909880-001

Matrix: AQUEOUS

Received Date: 9/17/2019 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: JMT
Total Dissolved Solids	2750	40.0	*D	mg/L	1	9/23/2019 9:44:00 AM	47593
SM4500-H+B / 9040C: PH							Analyst: JRR
pH	7.79		H	pH units	1	9/19/2019 3:45:08 PM	R63062
EPA METHOD 7470: MERCURY							Analyst: rde
Mercury	ND	0.00020		mg/L	1	9/23/2019 5:19:38 PM	47648
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: ELS
Arsenic	ND	0.020		mg/L	1	9/25/2019 10:50:35 AM	47679
Barium	0.36	0.020		mg/L	1	9/25/2019 10:50:35 AM	47679
Cadmium	ND	0.0020		mg/L	1	9/25/2019 10:50:35 AM	47679
Calcium	100	5.0		mg/L	5	9/25/2019 10:56:26 AM	47679
Chromium	ND	0.0060		mg/L	1	9/25/2019 10:50:35 AM	47679
Lead	ND	0.0050		mg/L	1	9/25/2019 10:50:35 AM	47679
Magnesium	47	1.0		mg/L	1	9/25/2019 10:50:35 AM	47679
Potassium	13	1.0		mg/L	1	9/25/2019 10:50:35 AM	47679
Selenium	ND	0.050		mg/L	1	10/1/2019 8:45:19 AM	47679
Silver	ND	0.0050		mg/L	1	9/25/2019 10:50:35 AM	47679
Sodium	870	10		mg/L	10	9/25/2019 11:06:27 AM	47679
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	0.50		mg/L	200	9/19/2019 5:43:36 PM	R63064
Toluene	0.82	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Ethylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Methyl tert-butyl ether (MTBE)	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2,4-Trimethylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,3,5-Trimethylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2-Dichloroethane (EDC)	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2-Dibromoethane (EDB)	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Naphthalene	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
1-Methylnaphthalene	ND	0.80		mg/L	200	9/19/2019 5:43:36 PM	R63064
2-Methylnaphthalene	ND	0.80		mg/L	200	9/19/2019 5:43:36 PM	R63064
Acetone	ND	2.0		mg/L	200	9/19/2019 5:43:36 PM	R63064
Bromobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Bromodichloromethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Bromoform	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Bromomethane	ND	0.60		mg/L	200	9/19/2019 5:43:36 PM	R63064
2-Butanone	ND	2.0		mg/L	200	9/19/2019 5:43:36 PM	R63064
Carbon disulfide	ND	2.0		mg/L	200	9/19/2019 5:43:36 PM	R63064
Carbon Tetrachloride	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064

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
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	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

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E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report

Lab Order 1909880

Date Reported: 10/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 9/16/2019 3:00:00 PM

Lab ID: 1909880-001

Matrix: AQUEOUS

Received Date: 9/17/2019 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Chlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Chloroethane	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
Chloroform	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Chloromethane	ND	0.60		mg/L	200	9/19/2019 5:43:36 PM	R63064
2-Chlorotoluene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
4-Chlorotoluene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
cis-1,2-DCE	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
cis-1,3-Dichloropropene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2-Dibromo-3-chloropropane	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
Dibromochloromethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Dibromomethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2-Dichlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,3-Dichlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,4-Dichlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Dichlorodifluoromethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1-Dichloroethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1-Dichloroethene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2-Dichloropropane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,3-Dichloropropane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
2,2-Dichloropropane	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1-Dichloropropene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Hexachlorobutadiene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
2-Hexanone	ND	2.0		mg/L	200	9/19/2019 5:43:36 PM	R63064
Isopropylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
4-Isopropyltoluene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
4-Methyl-2-pentanone	ND	2.0		mg/L	200	9/19/2019 5:43:36 PM	R63064
Methylene Chloride	ND	0.60		mg/L	200	9/19/2019 5:43:36 PM	R63064
n-Butylbenzene	ND	0.60		mg/L	200	9/19/2019 5:43:36 PM	R63064
n-Propylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
sec-Butylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Styrene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
tert-Butylbenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1,1,2-Tetrachloroethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1,2,2-Tetrachloroethane	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
Tetrachloroethene (PCE)	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
trans-1,2-DCE	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
trans-1,3-Dichloropropene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2,3-Trichlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2,4-Trichlorobenzene	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064

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
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	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

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J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report

Lab Order 1909880

Date Reported: 10/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 9/16/2019 3:00:00 PM

Lab ID: 1909880-001

Matrix: AQUEOUS

Received Date: 9/17/2019 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1,1-Trichloroethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,1,2-Trichloroethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Trichloroethene (TCE)	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Trichlorofluoromethane	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
1,2,3-Trichloropropane	ND	0.40		mg/L	200	9/19/2019 5:43:36 PM	R63064
Vinyl chloride	ND	0.20		mg/L	200	9/19/2019 5:43:36 PM	R63064
Xylenes, Total	0.52	0.30		mg/L	200	9/19/2019 5:43:36 PM	R63064
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	200	9/19/2019 5:43:36 PM	R63064
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	200	9/19/2019 5:43:36 PM	R63064
Surr: Dibromofluoromethane	105	70-130		%Rec	200	9/19/2019 5:43:36 PM	R63064
Surr: Toluene-d8	105	70-130		%Rec	200	9/19/2019 5:43:36 PM	R63064

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL REPORT

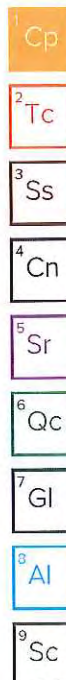
September 26, 2019

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1141229
Samples Received: 09/19/2019
Project Number:
Description:

Report To:

4901 Hawkins NE
Albuquerque, NM 87109



Entire Report Reviewed By:



Daphne Richards
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.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



1909880-001F INJECTION WELL WD#2 L1141229-01 WW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500 CN E-2011	WG1350910	1	09/25/19 08:00	09/26/19 13:58	JER	Mt. Juliet, TN
Wet Chemistry by Method 4500H+ B-2011	WG1349160	1	09/19/19 21:08	09/19/19 21:08	ANP	Mt. Juliet, TN
Wet Chemistry by Method 9034-9030B	WG1349267	1	09/20/19 16:26	09/20/19 16:26	MJA	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG1352505	1	09/26/19 15:04	09/26/19 15:04	MJA	Mt. Juliet, TN

Collected by

Collected date/time

Received date/time

09/16/19 15:00

09/19/19 08:45

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

1909880-001G INJECTION WELL WD#2 L1141229-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG1350259	1	09/22/19 17:36	09/22/19 17:36	BAM	Mt. Juliet, TN

Collected by

Collected date/time

Received date/time

09/16/19 15:00

09/19/19 08:45



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.

Daphne Richards
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 9012B.
All Reactive Sulfide results reported in the attached report were determined as totals using method 9034/9030B.





Collected date/time: 09/16/19 15:00

L1141229

Wet Chemistry by Method 4500 CN E-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	09/26/2019 13:58	WG1350910

¹ Cp² Tc

Wet Chemistry by Method 4500H+ B-2011

Analyte	Result SU	Qualifier	RDL	Dilution	Analysis date / time	Batch
Corrosivity by pH	7.48	<u>T8</u>		1	09/19/2019 21:08	WG1349160

³ Ss⁴ Cn

Sample Narrative:

L1141229-01 WG1349160: 7.48 at 18.4C

⁵ Sr⁶ Qc

Wet Chemistry by Method 9034-9030B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Reactive Sulfide	0.289		0.0500	1	09/20/2019 16:26	WG1349267

⁷ Gl⁸ Al

Wet Chemistry by Method D93/1010A

Analyte	Result deg F	Qualifier	RDL	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170			1	09/26/2019 15:04	WG1352505

⁹ Sc



Collected date/time: 09/16/19 15:00

L1141229

Wet Chemistry by Method 2580

Analyte	Result mV	Qualifier	Dilution	Analysis date / time	Batch
ORP	159	<u>T8</u>	1	09/22/2019 17:36	WG1350259

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

WG1350259

Wet Chemistry by Method 2580

QUALITY CONTROL SUMMARY

L1141229-02

ONE LAB. NATIONWIDE.



L1141229-02 Original Sample (OS) • Duplicate (DUP)

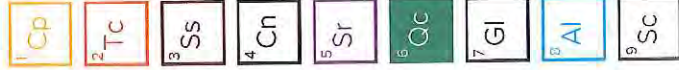
(OS) L1141229-02 09/22/19 17:36 • (DUP) R3453354-2 09/22/19 17:36

Analyte	Original Result mV	DUP Result mV	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
ORP	159	160	1	0.627		20

Laboratory Control Sample (LCS)

(LCS) R3453354-1 09/22/19 17:36

Analyte	Spike Amount mV	LCS Result mV	LCS Rec. %	Rec. Limits %	LCS Qualifier
ORP	228	227	99.6	95.7-104	



ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L1141229

DATE/TIME:
09/26/19 16:16

PAGE:
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WG1350910

Wet Chemistry by Method 4500 CN E-2011

QUALITY CONTROL SUMMARY

L1141229-01

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3454919-1 09/26/19 13:39

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

L1141441-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1141441-01 09/26/19 14:12 • (DUP) R3454919-7 09/26/19 14:13

Analyte	Original Result mg/l	DUP Result mg/l	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	0.00244	1	0.000	20

Laboratory Control Sample (LCS)

(LCS) R3454919-2 09/26/19 13:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.101	101	85.0-115	

L1141266-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1141266-07 09/26/19 14:06 • (MS) R3454919-8 09/26/19 14:17 • (MSD) R3454919-6 09/26/19 14:08

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	0.0413	0.0502	41.3	50.2	1	75.0-125	J6	J6	19.5	20

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L1141229

DATE/TIME:

09/26/19 16:16

PAGE:

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WG1349160

Wet Chemistry by Method 4500H+ B-2011

QUALITY CONTROL SUMMARY

L1141229-01

ONE LAB. NATIONWIDE.



L1141208-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1141208-01 09/19/19 21:08 • (DUP) R3452663-18 09/19/19 21:08

Analyte	Original Result SU	DUP Result SU	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Corrosivity by pH	7.30	7.31	1	0.137		1

Sample Narrative:

OS: 7.3 at 20.1C

DUP: 7.31 at 20.1C

L1141229-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1141229-01 09/19/19 21:08 • (DUP) R3452663-19 09/19/19 21:08

Analyte	Original Result SU	DUP Result SU	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Corrosivity by pH	7.48	7.49	1	0.134		1

Sample Narrative:

OS: 7.48 at 18.4C

DUP: 7.49 at 18.5C

Laboratory Control Sample (LCS)

(LCS) R3452663-1 09/19/19 21:08

Analyte	Spike Amount SU	LCS Result SU	LCS Rec. %	Rec. Limits %	LCS Qualifier
Corrosivity by pH	10.0	9.95	99.5	99.0-101	

Sample Narrative:

LCS: 9.95 at 22.2C



Method Blank (MB)

(MB) R3453008-1 09/20/19 16:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.00650	0.0500

Laboratory Control Sample (LCS)

(LCS) R3453008-2 09/20/19 16:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.539	108	85.0-115	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Laboratory Control Sample (LCS)

(LCS) R3454965-1 09/26/19 15:04

Analyte	Spike Amount deg F	LCS Result deg F	LCS Rec. %	Rec. Limits %	LCS Qualifier
Flashpoint	82.0	82.8	101	96.0-104	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

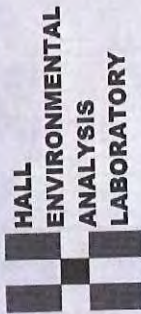
L1141229

DATE/TIME:

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CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3973
FAX: 505-345-4107
Website: www.hallenvironmental.com

E040

21141229

SUB CONTRACTOR: ESC PACE	COMPANY: ESC PACE	PHONE: (800) 767-5859	FAX: (615) 758-5859
ADDRESS: 12065 Lebanon Rd	ACCOUNT #:	EMAIL:	
CITY, STATE, ZIP: Mt. Juliet, TN 37122			

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	1909880-001F	Injection Well WD#2	500HDPE	Aqueous	9/16/2019 3:00:00 PM	3 RCI	-01
2	1909880-001G	Injection Well WD#2	500HDPE	Aqueous	9/16/2019 3:00:00 PM	1 ORP	-02

RAD SCREEN: <0.5 mR/hr

4510 1668 9826

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: 9/17/2019	Time: 1:56 PM	Received By:	Date: 9/19	Time: 8:45
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 15104.5432 Attempt to Cool? ☐					
Comments: cool					

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: <u>HALLENVANN</u>	<u>6141229</u>		
Cooler Received/Opened On: <u>9/19/19</u>	Temperature: <u>1.5</u>		
Received By: <u>Jonathan Rochelle</u>			
Signature: 			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?			
COC Signed / Accurate?			
Bottles arrive intact?			
Correct bottles used?			
Sufficient volume sent?			
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBW		Batch ID: R63067		RunNo: 63067						
Prep Date:		Analysis Date: 9/19/2019		SeqNo: 2150655		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSW		Batch ID: R63067		RunNo: 63067						
Prep Date:		Analysis Date: 9/19/2019		SeqNo: 2150656		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.9	0.50	5.000	0	98.7	90	110			
Bromide	2.5	0.10	2.500	0	100	90	110			
Phosphorus, Orthophosphate (As P	4.9	0.50	5.000	0	98.7	90	110			
Sulfate	10	0.50	10.00	0	99.6	90	110			

Sample ID: MB	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBW	Batch ID: R63285		RunNo: 63285							
Prep Date:	Analysis Date: 9/27/2019		SeqNo: 2159489		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSW	Batch ID: R63285			RunNo: 63285						
Prep Date:	Analysis Date: 9/27/2019			SeqNo: 2159490			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.54	0.10	0.5000	0	108	90	110			
Nitrate+Nitrite as N	3.4	0.20	3.500	0	96.4	90	110			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1909880-001BMS		SampType: MS		TestCode: EPA Method 8081: Pesticides TCLP						
Client ID: Injection Well WD#2		Batch ID: 47640		RunNo: 63174						
Prep Date: 9/23/2019		Analysis Date: 9/25/2019		SeqNo: 2155821		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	0.0016		0.002500		63.1	29.4	99.8			
Surr: Tetrachloro-m-xylene	0.0013		0.002500		54.0	20.7	100			

Sample ID: 1909880-001BMSD		SampType: MSD		TestCode: EPA Method 8081: Pesticides TCLP						
Client ID: Injection Well WD#2		Batch ID: 47640		RunNo: 63174						
Prep Date: 9/23/2019		Analysis Date: 9/25/2019		SeqNo: 2155822		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	0.0013		0.002500		53.2	29.4	99.8	0	0	
Surr: Tetrachloro-m-xylene	0.0011		0.002500		43.0	20.7	100	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 100ng lcs	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: LCSW	Batch ID: R63064			RunNo: 63064						
Prep Date:	Analysis Date: 9/19/2019			SeqNo: 2150392			Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	95.4	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63064	RunNo: 63064								
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150418 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63064	RunNo: 63064								
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150418	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63064	RunNo: 63064								
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150418 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	11		10.00		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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: lcs-47613	SampType: LCS	TestCode: EPA Method 8270C TCLP								
Client ID: LCSW	Batch ID: 47613	RunNo: 63163								
Prep Date: 9/20/2019	Analysis Date: 9/24/2019	SeqNo: 2154739 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200	0.1000	0	88.3	33.8	121			
3+4-Methylphenol	ND	200	0.2000	0	88.7	33.6	109			
2,4-Dinitrotoluene	ND	0.13	0.1000	0	89.1	50.4	124			
Hexachlorobenzene	ND	0.13	0.1000	0	83.1	50.1	120			
Hexachlorobutadiene	ND	0.50	0.1000	0	71.3	16.1	103			
Hexachloroethane	ND	3.0	0.1000	0	72.5	15	94.2			
Nitrobenzene	ND	2.0	0.1000	0	93.9	32.4	125			
Pentachlorophenol	ND	100	0.1000	0	73.1	44.6	114			
Pyridine	ND	5.0	0.1000	0	2.42	15	67			S
2,4,5-Trichlorophenol	ND	400	0.1000	0	91.5	49.4	118			
2,4,6-Trichlorophenol	ND	2.0	0.1000	0	90.7	50.3	116			
Cresols, Total	ND	200	0.3000	0	88.6	33.8	109			
Surr: 2-Fluorophenol	0.12		0.2000		60.1	15	82.5			
Surr: Phenol-d5	0.097		0.2000		48.6	15	74.2			
Surr: 2,4,6-Tribromophenol	0.15		0.2000		74.2	18.6	118			
Surr: Nitrobenzene-d5	0.090		0.1000		89.5	30.4	106			
Surr: 2-Fluorobiphenyl	0.087		0.1000		86.6	15	104			
Surr: 4-Terphenyl-d14	0.086		0.1000		86.0	15	133			

Sample ID: mb-47613	SampType: MBLK	TestCode: EPA Method 8270C TCLP								
Client ID: PBW	Batch ID: 47613	RunNo: 63163								
Prep Date: 9/20/2019	Analysis Date: 9/24/2019	SeqNo: 2154740 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	0.085		0.2000		42.3	15	82.5			
Surr: Phenol-d5	0.063		0.2000		31.7	15	74.2			
Surr: 2,4,6-Tribromophenol	0.094		0.2000		47.0	18.6	118			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1909880-001bmsd		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID: Injection Well WD#2		Batch ID: 47613		RunNo: 63243						
Prep Date: 9/20/2019		Analysis Date: 9/26/2019		SeqNo: 2158422		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.026	0.0010	0.1000	0	26.5	15	97.5	77.1	50	R
Pyridine	ND	0.0010	0.1000	0	0	15	65.8	0	50	S
2,4,5-Trichlorophenol	0.049	0.0010	0.1000	0	49.1	36.1	109	17.0	49.7	
2,4,6-Trichlorophenol	0.046	0.0010	0.1000	0	46.1	37.8	104	31.7	47	
Cresols, Total	0.14	0.0010	0.3000	0.01672	41.5	27.1	99.8	8.87	27.4	
Surr: 2-Fluorophenol	0.060		0.2000		29.8	15	82.5	0	0	
Surr: Phenol-d5	0.049		0.2000		24.4	15	74.2	0	0	
Surr: 2,4,6-Tribromophenol	0.057		0.2000		28.4	18.6	118	0	0	
Surr: Nitrobenzene-d5	0.044		0.1000		43.9	30.4	106	0	0	
Surr: 2-Fluorobiphenyl	0.012		0.1000		11.8	15	104	0	0	S
Surr: 4-Terphenyl-d14	0.015		0.1000		15.2	15	133	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: ics-1 99.8uS eC	SampType: ics	TestCode: SM2510B: Specific Conductance								
Client ID: LCSW	Batch ID: R63062	RunNo: 63062								
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150324	Units: µmhos/cm							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	5.0	99.80	0	99.8	85	115			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-47648	SampType: MBLK	TestCode: EPA Method 7470: Mercury
Client ID: PBW	Batch ID: 47648	RunNo: 63135
Prep Date: 9/23/2019	Analysis Date: 9/23/2019	SeqNo: 2153885 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020

Sample ID: LCS-47648	SampType: LCS	TestCode: EPA Method 7470: Mercury
Client ID: LCSW	Batch ID: 47648	RunNo: 63135
Prep Date: 9/23/2019	Analysis Date: 9/23/2019	SeqNo: 2153886 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 80 120

Sample ID: 1909880-001DMS	SampType: MS	TestCode: EPA Method 7470: Mercury
Client ID: Injection Well WD#2	Batch ID: 47648	RunNo: 63135
Prep Date: 9/23/2019	Analysis Date: 9/23/2019	SeqNo: 2153888 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0026	0.00020 0.005000 0 52.7 75 125 S

Sample ID: 1909880-001DMSD	SampType: MSD	TestCode: EPA Method 7470: Mercury
Client ID: Injection Well WD#2	Batch ID: 47648	RunNo: 63135
Prep Date: 9/23/2019	Analysis Date: 9/23/2019	SeqNo: 2153889 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0026	0.00020 0.005000 0 52.4 75 125 0.440 20 S

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1909880-001DMS		SampType: MS		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63183						
Prep Date: 9/24/2019		Analysis Date: 9/25/2019		SeqNo: 2155708		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Potassium	62	1.0	50.00	13.17	97.2	75	125			
Silver	0.11	0.0050	0.1000	0.001059	104	75	125			

Sample ID: 1909880-001DMSD		SampType: MSD		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63183						
Prep Date: 9/24/2019		Analysis Date: 9/25/2019		SeqNo: 2155709		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.50	0.020	0.5000	0	101	75	125	1.40	20	
Barium	0.80	0.020	0.5000	0.3605	88.2	75	125	0.113	20	
Cadmium	0.47	0.0020	0.5000	0	93.2	75	125	0.923	20	
Chromium	0.45	0.0060	0.5000	0	90.2	75	125	0.849	20	
Lead	0.44	0.0050	0.5000	0	88.0	75	125	0.900	20	
Magnesium	95	1.0	50.00	47.14	96.0	75	125	0.275	20	
Potassium	62	1.0	50.00	13.17	97.8	75	125	0.465	20	
Silver	0.11	0.0050	0.1000	0.001059	106	75	125	1.30	20	

Sample ID: 1909880-001DMS		SampType: MS		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63183						
Prep Date: 9/24/2019		Analysis Date: 9/25/2019		SeqNo: 2155711		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	150	5.0	50.00	103.6	96.8	75	125			

Sample ID: 1909880-001DMSD		SampType: MSD		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63183						
Prep Date: 9/24/2019		Analysis Date: 9/25/2019		SeqNo: 2155712		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	150	5.0	50.00	103.6	91.1	75	125	1.90	20	

Sample ID: 1909880-001DMS		SampType: MS		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63324						
Prep Date: 9/24/2019		Analysis Date: 10/1/2019		SeqNo: 2161507		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.37	0.050	0.5000	0	74.4	75	125			S

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1909880-001DMSD		SampType: MSD		TestCode: EPA 6010B; Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 47679		RunNo: 63324						
Prep Date: 9/24/2019		Analysis Date: 10/1/2019		SeqNo: 2161508		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.35	0.050	0.5000	0	70.5	75	125	5.38	20	S

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: mb-1 alk	SampType: mblk	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R63062	RunNo: 63062
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150343 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: R63062	RunNo: 63062
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150344 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	78.84	20.00 80.00 0 98.5 90 110

Sample ID: mb-2 alk	SampType: mblk	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R63062	RunNo: 63062
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150366 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: R63062	RunNo: 63062
Prep Date:	Analysis Date: 9/19/2019	SeqNo: 2150367 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	79.88	20.00 80.00 0 99.8 90 110

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1909880-001CDUP		SampType: DUP		TestCode: Specific Gravity						
Client ID: Injection Well WD#2		Batch ID: R63333		RunNo: 63333						
Prep Date:		Analysis Date: 10/1/2019		SeqNo: 2161999			Units:			
Analyte	Result	PQL	SPK value	SPK Ref Vai	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Specific Gravity	0.9991	0						0.230	20	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909880

11-Oct-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-47593	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 47593	RunNo: 63094								
Prep Date: 9/19/2019	Analysis Date: 9/23/2019	SeqNo: 2152140 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-47593	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 47593	RunNo: 63094								
Prep Date: 9/19/2019	Analysis Date: 9/23/2019	SeqNo: 2152141 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	998	20.0	1000	0	99.8	80	120			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: Western Refining Southw

Work Order Number: 1909880

RcptNo: 1

Received By: Anne Thorne

9/17/2019 12:50:00 PM

Anne Thorne

Completed By: Anne Thorne

9/17/2019 1:49:40 PM

Anne Thorne

Reviewed By: YG K/H/K

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
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: 201
(<2 or >12 unless noted)
Adjusted? NO
Checked by: Dm 9/17/19

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good	Not Present			

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- • pH (Method 9040);
- • Eh;
- • Specific conductance;
- • Specific gravity;
- • Temperature;
- • Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3); and,
- • EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST			
EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

UICI-011 (WDW-2)
July 20, 2016

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B 8260B	0.5
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A 8270D	2.0
D043	Vinyl chloride	8021B 8260B	0.2

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level.

If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
July 1st, 2019 – September 30th, 2019**

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/1/19 12:00 AM	0	11	668	103042
7/1/19 12:30 AM	0	11	667	103042
7/1/19 1:00 AM	0	11	667	103042
7/1/19 1:30 AM	0	11	667	103042
7/1/19 2:00 AM	0	11	667	103042
7/1/19 2:30 AM	0	12	667	103042
7/1/19 3:00 AM	0	12	667	103042
7/1/19 3:30 AM	0	12	667	103042
7/1/19 4:00 AM	0	12	667	103042
7/1/19 4:30 AM	0	12	667	103042
7/1/19 5:00 AM	0	12	667	103042
7/1/19 5:30 AM	0	12	666	103042
7/1/19 6:00 AM	0	12	666	103042
7/1/19 6:30 AM	0	12	666	103042
7/1/19 7:00 AM	0	12	666	103042
7/1/19 7:30 AM	0	12	666	103042
7/1/19 8:00 AM	0	12	666	103042
7/1/19 8:30 AM	0	12	666	103042
7/1/19 9:00 AM	0	13	666	103042
7/1/19 9:30 AM	0	13	666	103042
7/1/19 10:00 AM	0	13	666	103042
7/1/19 10:30 AM	0	13	666	103042
7/1/19 11:00 AM	0	13	666	103042
7/1/19 11:30 AM	0	13	665	103042
7/1/19 12:00 PM	0	13	665	103042
7/1/19 12:30 PM	0	13	665	103042
7/1/19 1:00 PM	0	13	665	103042
7/1/19 1:30 PM	0	14	665	103042
7/1/19 2:00 PM	0	14	665	103042
7/1/19 2:30 PM	0	14	665	103042
7/1/19 3:00 PM	0	14	665	103042
7/1/19 3:30 PM	0	14	665	103042
7/1/19 4:00 PM	0	14	665	103042
7/1/19 4:30 PM	0	14	665	103042
7/1/19 5:00 PM	0	14	665	103042
7/1/19 5:30 PM	0	14	664	103042
7/1/19 6:00 PM	0	14	664	103042
7/1/19 6:30 PM	0	15	664	103042
7/1/19 7:00 PM	0	15	664	103042
7/1/19 7:30 PM	0	15	664	103042
7/1/19 8:00 PM	0	15	664	103042
7/1/19 8:30 PM	0	15	664	103042
7/1/19 9:00 PM	0	15	664	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/1/19 9:30 PM	0	15	664	103042
7/1/19 10:00 PM	0	15	664	103042
7/1/19 10:30 PM	0	15	664	103042
7/1/19 11:00 PM	0	15	664	103042
7/1/19 11:30 PM	0	15	664	103042
7/2/19 12:00 AM	0	15	664	103042
7/2/19 12:30 AM	0	15	664	103042
7/2/19 1:00 AM	0	15	664	103042
7/2/19 1:30 AM	0	15	663	103042
7/2/19 2:00 AM	0	15	663	103042
7/2/19 2:30 AM	0	15	663	103042
7/2/19 3:00 AM	0	15	663	103042
7/2/19 3:30 AM	0	15	663	103042
7/2/19 4:00 AM	0	15	663	103042
7/2/19 4:30 AM	0	15	663	103042
7/2/19 5:00 AM	0	15	663	103042
7/2/19 5:30 AM	0	15	663	103042
7/2/19 6:00 AM	0	15	663	103042
7/2/19 6:30 AM	0	15	663	103042
7/2/19 7:00 AM	0	15	663	103042
7/2/19 7:30 AM	0	15	663	103042
7/2/19 8:00 AM	0	15	663	103042
7/2/19 8:30 AM	0	15	663	103042
7/2/19 9:00 AM	0	15	663	103042
7/2/19 9:30 AM	0	15	663	103042
7/2/19 10:00 AM	0	15	663	103042
7/2/19 10:30 AM	0	15	662	103042
7/2/19 11:00 AM	0	15	662	103042
7/2/19 11:30 AM	0	16	662	103042
7/2/19 12:00 PM	0	16	662	103042
7/2/19 12:30 PM	0	16	662	103042
7/2/19 1:00 PM	0	16	662	103042
7/2/19 1:30 PM	0	16	662	103042
7/2/19 2:00 PM	0	16	662	103042
7/2/19 2:30 PM	0	16	662	103042
7/2/19 3:00 PM	0	16	662	103042
7/2/19 3:30 PM	0	16	662	103042
7/2/19 4:00 PM	0	16	662	103042
7/2/19 4:30 PM	0	16	662	103042
7/2/19 5:00 PM	0	17	661	103042
7/2/19 5:30 PM	0	17	661	103042
7/2/19 6:00 PM	0	17	661	103042
7/2/19 6:30 PM	0	17	661	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/2/19 7:00 PM	0	17	661	103042
7/2/19 7:30 PM	0	17	661	103042
7/2/19 8:00 PM	0	17	661	103042
7/2/19 8:30 PM	0	17	661	103042
7/2/19 9:00 PM	0	17	661	103042
7/2/19 9:30 PM	0	17	661	103042
7/2/19 10:00 PM	0	17	661	103042
7/2/19 10:30 PM	0	17	661	103042
7/2/19 11:00 PM	0	17	661	103042
7/2/19 11:30 PM	0	17	661	103042
7/3/19 12:00 AM	0	17	661	103042
7/3/19 12:30 AM	0	17	661	103042
7/3/19 1:00 AM	0	17	661	103042
7/3/19 1:30 AM	0	17	661	103042
7/3/19 2:00 AM	0	17	661	103042
7/3/19 2:30 AM	0	17	661	103042
7/3/19 3:00 AM	0	17	661	103042
7/3/19 3:30 AM	0	17	661	103042
7/3/19 4:00 AM	0	17	660	103042
7/3/19 4:30 AM	0	17	660	103042
7/3/19 5:00 AM	0	17	660	103042
7/3/19 5:30 AM	0	17	660	103042
7/3/19 6:00 AM	0	17	660	103042
7/3/19 6:30 AM	0	17	660	103042
7/3/19 7:00 AM	0	17	660	103042
7/3/19 7:30 AM	0	17	660	103042
7/3/19 8:00 AM	0	17	660	103042
7/3/19 8:30 AM	0	17	660	103042
7/3/19 9:00 AM	0	17	660	103042
7/3/19 9:30 AM	0	17	660	103042
7/3/19 10:00 AM	0	17	660	103042
7/3/19 10:30 AM	0	17	660	103042
7/3/19 11:00 AM	0	17	660	103042
7/3/19 11:30 AM	0	17	660	103042
7/3/19 12:00 PM	0	17	659	103042
7/3/19 12:30 PM	0	17	659	103042
7/3/19 1:00 PM	0	17	659	103042
7/3/19 1:30 PM	0	18	660	103042
7/3/19 2:00 PM	0	18	660	103042
7/3/19 2:30 PM	0	18	659	103042
7/3/19 3:00 PM	0	18	659	103042
7/3/19 3:30 PM	0	18	659	103042
7/3/19 4:00 PM	0	18	659	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/3/19 4:30 PM	0	18	659	103042
7/3/19 5:00 PM	0	18	659	103042
7/3/19 5:30 PM	0	18	659	103042
7/3/19 6:00 PM	0	18	659	103042
7/3/19 6:30 PM	0	18	659	103042
7/3/19 7:00 PM	0	18	659	103042
7/3/19 7:30 PM	0	18	659	103042
7/3/19 8:00 PM	0	18	658	103042
7/3/19 8:30 PM	0	18	658	103042
7/3/19 9:00 PM	0	18	659	103042
7/3/19 9:30 PM	0	18	659	103042
7/3/19 10:00 PM	0	18	659	103042
7/3/19 10:30 PM	0	18	659	103042
7/3/19 11:00 PM	0	18	659	103042
7/3/19 11:30 PM	0	18	658	103042
7/4/19 12:00 AM	0	18	658	103042
7/4/19 12:30 AM	0	18	658	103042
7/4/19 1:00 AM	0	18	658	103042
7/4/19 1:30 AM	0	18	658	103042
7/4/19 2:00 AM	0	18	658	103042
7/4/19 2:30 AM	0	18	658	103042
7/4/19 3:00 AM	0	18	658	103042
7/4/19 3:30 AM	0	18	658	103042
7/4/19 4:00 AM	0	18	658	103042
7/4/19 4:30 AM	0	18	658	103042
7/4/19 5:00 AM	0	18	658	103042
7/4/19 5:30 AM	0	18	658	103042
7/4/19 6:00 AM	0	18	658	103042
7/4/19 6:30 AM	0	18	658	103042
7/4/19 7:00 AM	0	18	658	103042
7/4/19 7:30 AM	0	18	658	103042
7/4/19 8:00 AM	0	18	658	103042
7/4/19 8:30 AM	0	18	658	103042
7/4/19 9:00 AM	0	18	658	103042
7/4/19 9:30 AM	0	18	658	103042
7/4/19 10:00 AM	0	18	658	103042
7/4/19 10:30 AM	0	18	657	103042
7/4/19 11:00 AM	0	18	657	103042
7/4/19 11:30 AM	0	18	657	103042
7/4/19 12:00 PM	0	18	657	103042
7/4/19 12:30 PM	0	18	657	103042
7/4/19 1:00 PM	0	19	657	103042
7/4/19 1:30 PM	0	19	657	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/4/19 2:00 PM	0	19	657	103042
7/4/19 2:30 PM	0	19	657	103042
7/4/19 3:00 PM	0	19	657	103042
7/4/19 3:30 PM	0	19	657	103042
7/4/19 4:00 PM	0	19	657	103042
7/4/19 4:30 PM	0	19	657	103042
7/4/19 5:00 PM	0	19	656	103042
7/4/19 5:30 PM	0	19	657	103042
7/4/19 6:00 PM	0	19	657	103042
7/4/19 6:30 PM	0	19	657	103042
7/4/19 7:00 PM	0	19	657	103042
7/4/19 7:30 PM	0	19	657	103042
7/4/19 8:00 PM	0	19	656	103042
7/4/19 8:30 PM	0	19	656	103042
7/4/19 9:00 PM	0	19	656	103042
7/4/19 9:30 PM	0	19	656	103042
7/4/19 10:00 PM	0	19	656	103042
7/4/19 10:30 PM	0	19	656	103042
7/4/19 11:00 PM	0	19	656	103042
7/4/19 11:30 PM	0	19	656	103042
7/5/19 12:00 AM	0	19	656	103042
7/5/19 12:30 AM	0	19	656	103042
7/5/19 1:00 AM	0	19	656	103042
7/5/19 1:30 AM	0	19	656	103042
7/5/19 2:00 AM	0	19	656	103042
7/5/19 2:30 AM	0	19	656	103042
7/5/19 3:00 AM	0	19	656	103042
7/5/19 3:30 AM	0	19	656	103042
7/5/19 4:00 AM	0	19	656	103042
7/5/19 4:30 AM	0	19	656	103042
7/5/19 5:00 AM	0	19	656	103042
7/5/19 5:30 AM	0	19	656	103042
7/5/19 6:00 AM	0	19	656	103042
7/5/19 6:30 AM	0	19	656	103042
7/5/19 7:00 AM	0	19	656	103042
7/5/19 7:30 AM	0	19	656	103042
7/5/19 8:00 AM	0	19	656	103042
7/5/19 8:30 AM	0	19	655	103042
7/5/19 9:00 AM	0	19	656	103042
7/5/19 9:30 AM	0	19	656	103042
7/5/19 10:00 AM	0	19	655	103042
7/5/19 10:30 AM	0	19	655	103042
7/5/19 11:00 AM	0	19	655	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/5/19 11:30 AM	0	19	655	103042
7/5/19 12:00 PM	0	20	655	103042
7/5/19 12:30 PM	0	20	655	103042
7/5/19 1:00 PM	0	20	655	103042
7/5/19 1:30 PM	0	20	655	103042
7/5/19 2:00 PM	0	20	655	103042
7/5/19 2:30 PM	0	20	655	103042
7/5/19 3:00 PM	0	20	654	103042
7/5/19 3:30 PM	0	20	654	103042
7/5/19 4:00 PM	0	20	655	103042
7/5/19 4:30 PM	0	20	655	103042
7/5/19 5:00 PM	0	20	655	103042
7/5/19 5:30 PM	0	20	655	103042
7/5/19 6:00 PM	0	20	655	103042
7/5/19 6:30 PM	0	20	655	103042
7/5/19 7:00 PM	0	20	654	103042
7/5/19 7:30 PM	0	20	654	103042
7/5/19 8:00 PM	0	20	654	103042
7/5/19 8:30 PM	0	20	654	103042
7/5/19 9:00 PM	0	20	654	103042
7/5/19 9:30 PM	0	20	654	103042
7/5/19 10:00 PM	0	20	654	103042
7/5/19 10:30 PM	0	20	654	103042
7/5/19 11:00 PM	0	20	654	103042
7/5/19 11:30 PM	0	20	654	103042
7/6/19 12:00 AM	0	20	654	103042
7/6/19 12:30 AM	0	20	654	103042
7/6/19 1:00 AM	0	20	654	103042
7/6/19 1:30 AM	0	20	654	103042
7/6/19 2:00 AM	0	20	654	103042
7/6/19 2:30 AM	0	20	654	103042
7/6/19 3:00 AM	0	20	654	103042
7/6/19 3:30 AM	0	20	654	103042
7/6/19 4:00 AM	0	20	653	103042
7/6/19 4:30 AM	0	19	653	103042
7/6/19 5:00 AM	0	19	653	103042
7/6/19 5:30 AM	0	19	653	103042
7/6/19 6:00 AM	0	19	653	103042
7/6/19 6:30 AM	0	19	653	103042
7/6/19 7:00 AM	0	19	653	103042
7/6/19 7:30 AM	0	19	653	103042
7/6/19 8:00 AM	0	20	653	103042
7/6/19 8:30 AM	0	20	653	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/6/19 9:00 AM	0	20	653	103042
7/6/19 9:30 AM	0	20	653	103042
7/6/19 10:00 AM	0	20	653	103042
7/6/19 10:30 AM	0	20	653	103042
7/6/19 11:00 AM	0	20	653	103042
7/6/19 11:30 AM	0	20	653	103042
7/6/19 12:00 PM	0	20	653	103042
7/6/19 12:30 PM	0	20	653	103042
7/6/19 1:00 PM	0	20	653	103042
7/6/19 1:30 PM	0	20	653	103042
7/6/19 2:00 PM	0	20	653	103042
7/6/19 2:30 PM	0	20	652	103042
7/6/19 3:00 PM	0	20	653	103042
7/6/19 3:30 PM	0	20	652	103042
7/6/19 4:00 PM	0	20	652	103042
7/6/19 4:30 PM	0	20	652	103042
7/6/19 5:00 PM	0	21	652	103042
7/6/19 5:30 PM	0	21	652	103042
7/6/19 6:00 PM	0	21	652	103042
7/6/19 6:30 PM	0	21	652	103042
7/6/19 7:00 PM	0	21	652	103042
7/6/19 7:30 PM	0	21	652	103042
7/6/19 8:00 PM	0	21	652	103042
7/6/19 8:30 PM	0	21	652	103042
7/6/19 9:00 PM	0	21	652	103042
7/6/19 9:30 PM	0	21	652	103042
7/6/19 10:00 PM	0	21	652	103042
7/6/19 10:30 PM	0	21	652	103042
7/6/19 11:00 PM	0	21	652	103042
7/6/19 11:30 PM	0	21	652	103042
7/7/19 12:00 AM	0	20	652	103042
7/7/19 12:30 AM	0	20	652	103042
7/7/19 1:00 AM	0	20	652	103042
7/7/19 1:30 AM	0	20	652	103042
7/7/19 2:00 AM	0	20	652	103042
7/7/19 2:30 AM	0	20	652	103042
7/7/19 3:00 AM	0	20	652	103042
7/7/19 3:30 AM	0	20	652	103042
7/7/19 4:00 AM	0	20	652	103042
7/7/19 4:30 AM	0	20	652	103042
7/7/19 5:00 AM	0	20	652	103042
7/7/19 5:30 AM	0	20	651	103042
7/7/19 6:00 AM	0	20	651	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/7/19 6:30 AM	0	20	651	103042
7/7/19 7:00 AM	0	20	652	103042
7/7/19 7:30 AM	0	20	652	103042
7/7/19 8:00 AM	0	20	652	103042
7/7/19 8:30 AM	0	20	651	103042
7/7/19 9:00 AM	0	20	651	103042
7/7/19 9:30 AM	0	20	651	103042
7/7/19 10:00 AM	0	20	651	103042
7/7/19 10:30 AM	0	20	651	103042
7/7/19 11:00 AM	0	21	651	103042
7/7/19 11:30 AM	0	21	651	103042
7/7/19 12:00 PM	0	21	651	103042
7/7/19 12:30 PM	0	21	651	103042
7/7/19 1:00 PM	0	21	651	103042
7/7/19 1:30 PM	0	21	651	103042
7/7/19 2:00 PM	0	21	651	103042
7/7/19 2:30 PM	0	21	651	103042
7/7/19 3:00 PM	0	21	651	103042
7/7/19 3:30 PM	0	21	651	103042
7/7/19 4:00 PM	0	21	651	103042
7/7/19 4:30 PM	0	21	650	103042
7/7/19 5:00 PM	0	21	650	103042
7/7/19 5:30 PM	0	21	651	103042
7/7/19 6:00 PM	0	21	650	103042
7/7/19 6:30 PM	0	21	650	103042
7/7/19 7:00 PM	0	21	650	103042
7/7/19 7:30 PM	0	21	650	103042
7/7/19 8:00 PM	0	21	650	103042
7/7/19 8:30 PM	0	21	650	103042
7/7/19 9:00 PM	0	21	650	103042
7/7/19 9:30 PM	0	21	650	103042
7/7/19 10:00 PM	0	21	650	103042
7/7/19 10:30 PM	0	21	650	103042
7/7/19 11:00 PM	0	21	650	103042
7/7/19 11:30 PM	0	21	650	103042
7/8/19 12:00 AM	0	21	650	103042
7/8/19 12:30 AM	0	21	650	103042
7/8/19 1:00 AM	0	21	650	103042
7/8/19 1:30 AM	0	21	650	103042
7/8/19 2:00 AM	0	21	650	103042
7/8/19 2:30 AM	0	21	650	103042
7/8/19 3:00 AM	0	21	650	103042
7/8/19 3:30 AM	0	21	650	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/8/19 4:00 AM	0	21	650	103042
7/8/19 4:30 AM	0	21	650	103042
7/8/19 5:00 AM	0	21	650	103042
7/8/19 5:30 AM	0	21	650	103042
7/8/19 6:00 AM	0	21	650	103042
7/8/19 6:30 AM	0	21	650	103042
7/8/19 7:00 AM	0	21	650	103042
7/8/19 7:30 AM	0	21	650	103042
7/8/19 8:00 AM	0	21	650	103042
7/8/19 8:30 AM	0	21	650	103042
7/8/19 9:00 AM	0	21	649	103042
7/8/19 9:30 AM	0	21	649	103042
7/8/19 10:00 AM	0	21	649	103042
7/8/19 10:30 AM	0	21	649	103042
7/8/19 11:00 AM	0	21	649	103042
7/8/19 11:30 AM	0	21	649	103042
7/8/19 12:00 PM	0	21	649	103042
7/8/19 12:30 PM	0	21	649	103042
7/8/19 1:00 PM	0	22	649	103042
7/8/19 1:30 PM	0	22	649	103042
7/8/19 2:00 PM	0	22	649	103042
7/8/19 2:30 PM	0	22	649	103042
7/8/19 3:00 PM	0	22	649	103042
7/8/19 3:30 PM	0	22	649	103042
7/8/19 4:00 PM	0	22	649	103042
7/8/19 4:30 PM	0	22	649	103042
7/8/19 5:00 PM	0	22	648	103042
7/8/19 5:30 PM	0	22	648	103042
7/8/19 6:00 PM	0	22	648	103042
7/8/19 6:30 PM	0	22	648	103042
7/8/19 7:00 PM	0	22	648	103042
7/8/19 7:30 PM	0	22	648	103042
7/8/19 8:00 PM	0	22	648	103042
7/8/19 8:30 PM	0	22	648	103042
7/8/19 9:00 PM	0	22	648	103042
7/8/19 9:30 PM	0	22	648	103042
7/8/19 10:00 PM	0	22	648	103042
7/8/19 10:30 PM	0	22	648	103042
7/8/19 11:00 PM	0	22	648	103042
7/8/19 11:30 PM	0	22	648	103042
7/9/19 12:00 AM	0	22	648	103042
7/9/19 12:30 AM	0	22	648	103042
7/9/19 1:00 AM	0	22	647	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/9/19 1:30 AM	0	22	647	103042
7/9/19 2:00 AM	0	22	647	103042
7/9/19 2:30 AM	0	22	647	103042
7/9/19 3:00 AM	0	22	647	103042
7/9/19 3:30 AM	0	22	647	103042
7/9/19 4:00 AM	0	22	647	103042
7/9/19 4:30 AM	0	22	647	103042
7/9/19 5:00 AM	0	22	647	103042
7/9/19 5:30 AM	0	22	647	103042
7/9/19 6:00 AM	0	22	647	103042
7/9/19 6:30 AM	0	22	647	103042
7/9/19 7:00 AM	0	22	647	103042
7/9/19 7:30 AM	0	22	647	103042
7/9/19 8:00 AM	0	22	647	103042
7/9/19 8:30 AM	0	22	647	103042
7/9/19 9:00 AM	0	22	647	103042
7/9/19 9:30 AM	0	22	647	103042
7/9/19 10:00 AM	0	22	647	103042
7/9/19 10:30 AM	0	22	647	103042
7/9/19 11:00 AM	0	22	647	103042
7/9/19 11:30 AM	0	22	647	103042
7/9/19 12:00 PM	0	22	647	103042
7/9/19 12:30 PM	0	22	647	103042
7/9/19 1:00 PM	0	22	647	103042
7/9/19 1:30 PM	0	22	647	103042
7/9/19 2:00 PM	0	22	647	103042
7/9/19 2:30 PM	0	22	647	103042
7/9/19 3:00 PM	0	22	647	103042
7/9/19 3:30 PM	0	22	647	103042
7/9/19 4:00 PM	0	23	646	103042
7/9/19 4:30 PM	0	23	646	103042
7/9/19 5:00 PM	0	23	646	103042
7/9/19 5:30 PM	0	23	646	103042
7/9/19 6:00 PM	0	23	646	103042
7/9/19 6:30 PM	0	23	646	103042
7/9/19 7:00 PM	0	23	646	103042
7/9/19 7:30 PM	0	23	646	103042
7/9/19 8:00 PM	0	23	646	103042
7/9/19 8:30 PM	0	23	646	103042
7/9/19 9:00 PM	0	23	646	103042
7/9/19 9:30 PM	0	23	646	103042
7/9/19 10:00 PM	0	23	646	103042
7/9/19 10:30 PM	0	23	646	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/9/19 11:00 PM	0	23	646	103042
7/9/19 11:30 PM	0	23	646	103042
7/10/19 12:00 AM	0	23	646	103042
7/10/19 12:30 AM	0	23	646	103042
7/10/19 1:00 AM	0	23	646	103042
7/10/19 1:30 AM	0	23	646	103042
7/10/19 2:00 AM	0	23	646	103042
7/10/19 2:30 AM	0	23	646	103042
7/10/19 3:00 AM	0	23	646	103042
7/10/19 3:30 AM	0	23	646	103042
7/10/19 4:00 AM	0	23	646	103042
7/10/19 4:30 AM	0	23	646	103042
7/10/19 5:00 AM	0	23	646	103042
7/10/19 5:30 AM	0	23	646	103042
7/10/19 6:00 AM	0	23	646	103042
7/10/19 6:30 AM	0	23	646	103042
7/10/19 7:00 AM	0	23	645	103042
7/10/19 7:30 AM	0	23	645	103042
7/10/19 8:00 AM	0	23	645	103042
7/10/19 8:30 AM	0	23	645	103042
7/10/19 9:00 AM	0	23	645	103042
7/10/19 9:30 AM	0	23	645	103042
7/10/19 10:00 AM	0	23	645	103042
7/10/19 10:30 AM	0	23	645	103042
7/10/19 11:00 AM	0	23	645	103042
7/10/19 11:30 AM	0	23	645	103042
7/10/19 12:00 PM	0	23	645	103042
7/10/19 12:30 PM	0	23	645	103042
7/10/19 1:00 PM	0	23	645	103042
7/10/19 1:30 PM	0	23	645	103042
7/10/19 2:00 PM	0	23	645	103042
7/10/19 2:30 PM	0	23	645	103042
7/10/19 3:00 PM	0	23	645	103042
7/10/19 3:30 PM	0	23	645	103042
7/10/19 4:00 PM	0	23	645	103042
7/10/19 4:30 PM	0	23	645	103042
7/10/19 5:00 PM	0	23	645	103042
7/10/19 5:30 PM	0	23	645	103042
7/10/19 6:00 PM	0	23	645	103042
7/10/19 6:30 PM	0	23	645	103042
7/10/19 7:00 PM	0	23	645	103042
7/10/19 7:30 PM	0	23	645	103042
7/10/19 8:00 PM	0	23	645	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/10/19 8:30 PM	0	23	644	103042
7/10/19 9:00 PM	0	23	645	103042
7/10/19 9:30 PM	0	23	645	103042
7/10/19 10:00 PM	0	23	645	103042
7/10/19 10:30 PM	0	23	645	103042
7/10/19 11:00 PM	0	23	645	103042
7/10/19 11:30 PM	0	23	645	103042
7/11/19 12:00 AM	0	23	644	103042
7/11/19 12:30 AM	0	23	645	103042
7/11/19 1:00 AM	0	23	645	103042
7/11/19 1:30 AM	0	23	644	103042
7/11/19 2:00 AM	0	23	644	103042
7/11/19 2:30 AM	0	23	644	103042
7/11/19 3:00 AM	0	23	644	103042
7/11/19 3:30 AM	0	23	644	103042
7/11/19 4:00 AM	0	23	644	103042
7/11/19 4:30 AM	0	23	644	103042
7/11/19 5:00 AM	0	23	644	103042
7/11/19 5:30 AM	0	23	644	103042
7/11/19 6:00 AM	0	23	644	103042
7/11/19 6:30 AM	0	23	644	103042
7/11/19 7:00 AM	0	23	644	103042
7/11/19 7:30 AM	0	23	644	103042
7/11/19 8:00 AM	0	23	644	103042
7/11/19 8:30 AM	0	23	644	103042
7/11/19 9:00 AM	0	23	644	103042
7/11/19 9:30 AM	0	23	644	103042
7/11/19 10:00 AM	0	23	644	103042
7/11/19 10:30 AM	0	23	644	103042
7/11/19 11:00 AM	0	23	644	103042
7/11/19 11:30 AM	0	23	644	103042
7/11/19 12:00 PM	0	23	644	103042
7/11/19 12:30 PM	0	23	643	103042
7/11/19 1:00 PM	0	23	643	103042
7/11/19 1:30 PM	0	23	643	103042
7/11/19 2:00 PM	0	23	643	103042
7/11/19 2:30 PM	0	23	643	103042
7/11/19 3:00 PM	0	24	643	103042
7/11/19 3:30 PM	0	24	643	103042
7/11/19 4:00 PM	0	24	643	103042
7/11/19 4:30 PM	0	24	643	103042
7/11/19 5:00 PM	0	24	643	103042
7/11/19 5:30 PM	0	24	643	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/11/19 6:00 PM	0	24	643	103042
7/11/19 6:30 PM	0	24	643	103042
7/11/19 7:00 PM	0	24	643	103042
7/11/19 7:30 PM	0	24	643	103042
7/11/19 8:00 PM	0	24	643	103042
7/11/19 8:30 PM	0	24	643	103042
7/11/19 9:00 PM	0	24	643	103042
7/11/19 9:30 PM	0	24	643	103042
7/11/19 10:00 PM	0	24	643	103042
7/11/19 10:30 PM	0	24	643	103042
7/11/19 11:00 PM	0	24	643	103042
7/11/19 11:30 PM	0	24	643	103042
7/12/19 12:00 AM	0	24	643	103042
7/12/19 12:30 AM	0	24	643	103042
7/12/19 1:00 AM	0	24	643	103042
7/12/19 1:30 AM	0	24	643	103042
7/12/19 2:00 AM	0	23	643	103042
7/12/19 2:30 AM	0	23	643	103042
7/12/19 3:00 AM	0	23	643	103042
7/12/19 3:30 AM	0	23	642	103042
7/12/19 4:00 AM	0	23	642	103042
7/12/19 4:30 AM	0	23	642	103042
7/12/19 5:00 AM	0	23	642	103042
7/12/19 5:30 AM	0	23	642	103042
7/12/19 6:00 AM	0	23	642	103042
7/12/19 6:30 AM	0	23	642	103042
7/12/19 7:00 AM	0	23	642	103042
7/12/19 7:30 AM	0	23	643	103042
7/12/19 8:00 AM	0	23	643	103042
7/12/19 8:30 AM	0	23	642	103042
7/12/19 9:00 AM	0	23	642	103042
7/12/19 9:30 AM	0	23	642	103042
7/12/19 10:00 AM	0	23	642	103042
7/12/19 10:30 AM	0	23	642	103042
7/12/19 11:00 AM	0	24	642	103042
7/12/19 11:30 AM	0	24	642	103042
7/12/19 12:00 PM	0	24	642	103042
7/12/19 12:30 PM	0	24	642	103042
7/12/19 1:00 PM	0	24	642	103042
7/12/19 1:30 PM	0	24	642	103042
7/12/19 2:00 PM	0	24	642	103042
7/12/19 2:30 PM	0	24	642	103042
7/12/19 3:00 PM	0	24	642	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/12/19 3:30 PM	0	24	642	103042
7/12/19 4:00 PM	0	24	642	103042
7/12/19 4:30 PM	0	24	642	103042
7/12/19 5:00 PM	0	24	642	103042
7/12/19 5:30 PM	0	24	642	103042
7/12/19 6:00 PM	0	24	641	103042
7/12/19 6:30 PM	0	24	641	103042
7/12/19 7:00 PM	0	24	641	103042
7/12/19 7:30 PM	0	24	641	103042
7/12/19 8:00 PM	0	24	641	103042
7/12/19 8:30 PM	0	24	641	103042
7/12/19 9:00 PM	0	24	641	103042
7/12/19 9:30 PM	0	24	641	103042
7/12/19 10:00 PM	0	24	641	103042
7/12/19 10:30 PM	0	24	641	103042
7/12/19 11:00 PM	0	24	641	103042
7/12/19 11:30 PM	0	24	641	103042
7/13/19 12:00 AM	0	24	641	103042
7/13/19 12:30 AM	0	24	641	103042
7/13/19 1:00 AM	0	24	641	103042
7/13/19 1:30 AM	0	24	641	103042
7/13/19 2:00 AM	0	24	641	103042
7/13/19 2:30 AM	0	24	641	103042
7/13/19 3:00 AM	0	24	641	103042
7/13/19 3:30 AM	0	24	641	103042
7/13/19 4:00 AM	0	24	641	103042
7/13/19 4:30 AM	0	24	641	103042
7/13/19 5:00 AM	0	24	641	103042
7/13/19 5:30 AM	0	24	641	103042
7/13/19 6:00 AM	0	24	641	103042
7/13/19 6:30 AM	0	24	641	103042
7/13/19 7:00 AM	0	24	641	103042
7/13/19 7:30 AM	0	24	641	103042
7/13/19 8:00 AM	0	24	641	103042
7/13/19 8:30 AM	0	24	641	103042
7/13/19 9:00 AM	0	24	641	103042
7/13/19 9:30 AM	0	24	641	103042
7/13/19 10:00 AM	0	24	641	103042
7/13/19 10:30 AM	0	24	640	103042
7/13/19 11:00 AM	0	24	640	103042
7/13/19 11:30 AM	0	24	640	103042
7/13/19 12:00 PM	0	24	640	103042
7/13/19 12:30 PM	0	24	640	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/13/19 1:00 PM	0	25	640	103042
7/13/19 1:30 PM	0	25	640	103042
7/13/19 2:00 PM	0	25	640	103042
7/13/19 2:30 PM	0	25	640	103042
7/13/19 3:00 PM	0	25	640	103042
7/13/19 3:30 PM	0	25	640	103042
7/13/19 4:00 PM	0	25	640	103042
7/13/19 4:30 PM	0	25	640	103042
7/13/19 5:00 PM	0	25	640	103042
7/13/19 5:30 PM	0	25	640	103042
7/13/19 6:00 PM	0	25	640	103042
7/13/19 6:30 PM	0	25	640	103042
7/13/19 7:00 PM	0	25	640	103042
7/13/19 7:30 PM	0	25	640	103042
7/13/19 8:00 PM	0	25	640	103042
7/13/19 8:30 PM	0	25	640	103042
7/13/19 9:00 PM	0	25	640	103042
7/13/19 9:30 PM	0	25	640	103042
7/13/19 10:00 PM	0	25	640	103042
7/13/19 10:30 PM	0	25	640	103042
7/13/19 11:00 PM	0	25	640	103042
7/13/19 11:30 PM	0	25	640	103042
7/14/19 12:00 AM	0	25	640	103042
7/14/19 12:30 AM	0	25	639	103042
7/14/19 1:00 AM	0	25	639	103042
7/14/19 1:30 AM	0	25	639	103042
7/14/19 2:00 AM	0	25	639	103042
7/14/19 2:30 AM	0	25	639	103042
7/14/19 3:00 AM	0	25	639	103042
7/14/19 3:30 AM	0	25	639	103042
7/14/19 4:00 AM	0	25	639	103042
7/14/19 4:30 AM	0	24	639	103042
7/14/19 5:00 AM	0	24	639	103042
7/14/19 5:30 AM	0	24	639	103042
7/14/19 6:00 AM	0	24	639	103042
7/14/19 6:30 AM	0	24	639	103042
7/14/19 7:00 AM	0	24	639	103042
7/14/19 7:30 AM	0	24	639	103042
7/14/19 8:00 AM	0	24	639	103042
7/14/19 8:30 AM	0	24	639	103042
7/14/19 9:00 AM	0	24	639	103042
7/14/19 9:30 AM	0	25	639	103042
7/14/19 10:00 AM	0	25	639	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/14/19 10:30 AM	0	25	639	103042
7/14/19 11:00 AM	0	25	639	103042
7/14/19 11:30 AM	0	25	639	103042
7/14/19 12:00 PM	0	25	638	103042
7/14/19 12:30 PM	0	25	638	103042
7/14/19 1:00 PM	0	25	638	103042
7/14/19 1:30 PM	0	25	639	103042
7/14/19 2:00 PM	0	25	639	103042
7/14/19 2:30 PM	0	25	639	103042
7/14/19 3:00 PM	0	25	638	103042
7/14/19 3:30 PM	0	25	638	103042
7/14/19 4:00 PM	0	25	638	103042
7/14/19 4:30 PM	0	25	638	103042
7/14/19 5:00 PM	0	26	638	103042
7/14/19 5:30 PM	0	26	638	103042
7/14/19 6:00 PM	0	26	638	103042
7/14/19 6:30 PM	0	26	638	103042
7/14/19 7:00 PM	0	26	638	103042
7/14/19 7:30 PM	0	26	638	103042
7/14/19 8:00 PM	0	25	638	103042
7/14/19 8:30 PM	0	25	638	103042
7/14/19 9:00 PM	0	25	638	103042
7/14/19 9:30 PM	0	25	638	103042
7/14/19 10:00 PM	0	25	638	103042
7/14/19 10:30 PM	0	25	638	103042
7/14/19 11:00 PM	0	25	638	103042
7/14/19 11:30 PM	0	25	638	103042
7/15/19 12:00 AM	0	25	638	103042
7/15/19 12:30 AM	0	25	638	103042
7/15/19 1:00 AM	0	25	638	103042
7/15/19 1:30 AM	0	25	638	103042
7/15/19 2:00 AM	0	25	638	103042
7/15/19 2:30 AM	0	25	638	103042
7/15/19 3:00 AM	0	25	638	103042
7/15/19 3:30 AM	0	25	638	103042
7/15/19 4:00 AM	0	25	638	103042
7/15/19 4:30 AM	0	25	638	103042
7/15/19 5:00 AM	0	25	637	103042
7/15/19 5:30 AM	0	25	637	103042
7/15/19 6:00 AM	0	25	637	103042
7/15/19 6:30 AM	0	25	638	103042
7/15/19 7:00 AM	0	25	638	103042
7/15/19 7:30 AM	0	25	638	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/15/19 8:00 AM	0	25	637	103042
7/15/19 8:30 AM	0	25	637	103042
7/15/19 9:00 AM	0	25	637	103042
7/15/19 9:30 AM	0	25	637	103042
7/15/19 10:00 AM	0	25	637	103042
7/15/19 10:30 AM	0	25	637	103042
7/15/19 11:00 AM	0	25	637	103042
7/15/19 11:30 AM	0	25	637	103042
7/15/19 12:00 PM	0	25	637	103042
7/15/19 12:30 PM	0	25	637	103042
7/15/19 1:00 PM	0	25	637	103042
7/15/19 1:30 PM	0	25	637	103042
7/15/19 2:00 PM	0	26	637	103042
7/15/19 2:30 PM	0	26	637	103042
7/15/19 3:00 PM	0	26	637	103042
7/15/19 3:30 PM	0	26	637	103042
7/15/19 4:00 PM	0	26	637	103042
7/15/19 4:30 PM	0	26	637	103042
7/15/19 5:00 PM	0	26	637	103042
7/15/19 5:30 PM	0	26	636	103042
7/15/19 6:00 PM	0	26	636	103042
7/15/19 6:30 PM	0	26	636	103042
7/15/19 7:00 PM	0	26	636	103042
7/15/19 7:30 PM	0	26	636	103042
7/15/19 8:00 PM	0	26	636	103042
7/15/19 8:30 PM	0	26	636	103042
7/15/19 9:00 PM	0	26	636	103042
7/15/19 9:30 PM	0	26	636	103042
7/15/19 10:00 PM	0	26	636	103042
7/15/19 10:30 PM	0	26	636	103042
7/15/19 11:00 PM	0	26	636	103042
7/15/19 11:30 PM	0	26	636	103042
7/16/19 12:00 AM	0	26	636	103042
7/16/19 12:30 AM	0	26	636	103042
7/16/19 1:00 AM	0	26	636	103042
7/16/19 1:30 AM	0	26	636	103042
7/16/19 2:00 AM	0	26	636	103042
7/16/19 2:30 AM	0	26	636	103042
7/16/19 3:00 AM	0	26	636	103042
7/16/19 3:30 AM	0	26	636	103042
7/16/19 4:00 AM	0	26	636	103042
7/16/19 4:30 AM	0	26	636	103042
7/16/19 5:00 AM	0	26	636	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/16/19 5:30 AM	0	26	636	103042
7/16/19 6:00 AM	0	26	636	103042
7/16/19 6:30 AM	0	26	636	103042
7/16/19 7:00 AM	0	26	636	103042
7/16/19 7:30 AM	0	26	636	103042
7/16/19 8:00 AM	0	26	636	103042
7/16/19 8:30 AM	0	26	636	103042
7/16/19 9:00 AM	0	26	636	103042
7/16/19 9:30 AM	0	26	636	103042
7/16/19 10:00 AM	0	26	636	103042
7/16/19 10:30 AM	0	26	636	103042
7/16/19 11:00 AM	0	26	636	103042
7/16/19 11:30 AM	0	26	636	103042
7/16/19 12:00 PM	0	26	636	103042
7/16/19 12:30 PM	0	26	635	103042
7/16/19 1:00 PM	0	26	635	103042
7/16/19 1:30 PM	0	26	635	103042
7/16/19 2:00 PM	0	26	635	103042
7/16/19 2:30 PM	0	26	635	103042
7/16/19 3:00 PM	0	26	635	103042
7/16/19 3:30 PM	0	26	635	103042
7/16/19 4:00 PM	0	26	635	103042
7/16/19 4:30 PM	0	26	635	103042
7/16/19 5:00 PM	0	26	635	103042
7/16/19 5:30 PM	0	26	635	103042
7/16/19 6:00 PM	0	26	635	103042
7/16/19 6:30 PM	0	26	634	103042
7/16/19 7:00 PM	0	26	635	103042
7/16/19 7:30 PM	0	26	635	103042
7/16/19 8:00 PM	0	26	635	103042
7/16/19 8:30 PM	0	26	635	103042
7/16/19 9:00 PM	0	26	635	103042
7/16/19 9:30 PM	0	26	635	103042
7/16/19 10:00 PM	0	26	635	103042
7/16/19 10:30 PM	0	26	635	103042
7/16/19 11:00 PM	0	26	635	103042
7/16/19 11:30 PM	0	26	635	103042
7/17/19 12:00 AM	0	26	635	103042
7/17/19 12:30 AM	0	26	635	103042
7/17/19 1:00 AM	0	26	635	103042
7/17/19 1:30 AM	0	26	634	103042
7/17/19 2:00 AM	0	26	634	103042
7/17/19 2:30 AM	0	26	634	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/17/19 3:00 AM	0	26	634	103042
7/17/19 3:30 AM	0	26	634	103042
7/17/19 4:00 AM	0	26	634	103042
7/17/19 4:30 AM	0	26	634	103042
7/17/19 5:00 AM	0	26	634	103042
7/17/19 5:30 AM	0	26	634	103042
7/17/19 6:00 AM	0	26	634	103042
7/17/19 6:30 AM	0	26	634	103042
7/17/19 7:00 AM	0	26	634	103042
7/17/19 7:30 AM	0	26	634	103042
7/17/19 8:00 AM	0	26	634	103042
7/17/19 8:30 AM	0	26	634	103042
7/17/19 9:00 AM	0	26	635	103042
7/17/19 9:30 AM	0	26	635	103042
7/17/19 10:00 AM	0	26	634	103042
7/17/19 10:30 AM	0	26	634	103042
7/17/19 11:00 AM	0	26	634	103042
7/17/19 11:30 AM	0	26	634	103042
7/17/19 12:00 PM	0	26	634	103042
7/17/19 12:30 PM	0	26	634	103042
7/17/19 1:00 PM	0	26	634	103042
7/17/19 1:30 PM	0	26	634	103042
7/17/19 2:00 PM	0	26	634	103042
7/17/19 2:30 PM	0	27	634	103042
7/17/19 3:00 PM	0	27	633	103042
7/17/19 3:30 PM	0	27	634	103042
7/17/19 4:00 PM	0	27	634	103042
7/17/19 4:30 PM	0	27	633	103042
7/17/19 5:00 PM	0	27	633	103042
7/17/19 5:30 PM	0	27	633	103042
7/17/19 6:00 PM	0	27	633	103042
7/17/19 6:30 PM	0	27	633	103042
7/17/19 7:00 PM	0	27	633	103042
7/17/19 7:30 PM	0	27	633	103042
7/17/19 8:00 PM	0	27	633	103042
7/17/19 8:30 PM	0	27	633	103042
7/17/19 9:00 PM	0	27	633	103042
7/17/19 9:30 PM	0	27	633	103042
7/17/19 10:00 PM	0	27	633	103042
7/17/19 10:30 PM	0	27	633	103042
7/17/19 11:00 PM	0	27	633	103042
7/17/19 11:30 PM	0	27	633	103042
7/18/19 12:00 AM	0	27	633	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/18/19 12:30 AM	0	27	633	103042
7/18/19 1:00 AM	0	27	633	103042
7/18/19 1:30 AM	0	27	633	103042
7/18/19 2:00 AM	0	27	633	103042
7/18/19 2:30 AM	0	27	633	103042
7/18/19 3:00 AM	0	26	633	103042
7/18/19 3:30 AM	0	26	633	103042
7/18/19 4:00 AM	0	26	633	103042
7/18/19 4:30 AM	0	26	633	103042
7/18/19 5:00 AM	0	26	633	103042
7/18/19 5:30 AM	0	26	633	103042
7/18/19 6:00 AM	0	26	633	103042
7/18/19 6:30 AM	0	26	633	103042
7/18/19 7:00 AM	0	26	633	103042
7/18/19 7:30 AM	0	26	633	103042
7/18/19 8:00 AM	0	26	633	103042
7/18/19 8:30 AM	0	26	633	103042
7/18/19 9:00 AM	0	26	633	103042
7/18/19 9:30 AM	0	26	633	103042
7/18/19 10:00 AM	0	27	633	103042
7/18/19 10:30 AM	0	27	633	103042
7/18/19 11:00 AM	0	27	633	103042
7/18/19 11:30 AM	0	27	632	103042
7/18/19 12:00 PM	0	27	632	103042
7/18/19 12:30 PM	0	27	632	103042
7/18/19 1:00 PM	0	27	632	103042
7/18/19 1:30 PM	0	27	632	103042
7/18/19 2:00 PM	0	27	632	103042
7/18/19 2:30 PM	0	27	632	103042
7/18/19 3:00 PM	0	27	632	103042
7/18/19 3:30 PM	0	27	632	103042
7/18/19 4:00 PM	0	27	632	103042
7/18/19 4:30 PM	0	27	632	103042
7/18/19 5:00 PM	0	27	632	103042
7/18/19 5:30 PM	0	27	632	103042
7/18/19 6:00 PM	0	27	632	103042
7/18/19 6:30 PM	0	27	632	103042
7/18/19 7:00 PM	0	27	632	103042
7/18/19 7:30 PM	0	27	632	103042
7/18/19 8:00 PM	0	27	632	103042
7/18/19 8:30 PM	0	27	632	103042
7/18/19 9:00 PM	0	27	632	103042
7/18/19 9:30 PM	0	27	632	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/18/19 10:00 PM	0	27	632	103042
7/18/19 10:30 PM	0	27	632	103042
7/18/19 11:00 PM	0	27	632	103042
7/18/19 11:30 PM	0	27	632	103042
7/19/19 12:00 AM	0	27	632	103042
7/19/19 12:30 AM	0	27	632	103042
7/19/19 1:00 AM	0	27	631	103042
7/19/19 1:30 AM	0	27	632	103042
7/19/19 2:00 AM	0	27	632	103042
7/19/19 2:30 AM	0	27	631	103042
7/19/19 3:00 AM	0	27	631	103042
7/19/19 3:30 AM	0	27	631	103042
7/19/19 4:00 AM	0	27	631	103042
7/19/19 4:30 AM	0	27	631	103042
7/19/19 5:00 AM	0	27	631	103042
7/19/19 5:30 AM	0	27	631	103042
7/19/19 6:00 AM	0	27	631	103042
7/19/19 6:30 AM	0	27	631	103042
7/19/19 7:00 AM	0	27	631	103042
7/19/19 7:30 AM	0	27	631	103042
7/19/19 8:00 AM	0	27	631	103042
7/19/19 8:30 AM	0	27	632	103042
7/19/19 9:00 AM	0	27	631	103042
7/19/19 9:30 AM	0	27	631	103042
7/19/19 10:00 AM	0	27	631	103042
7/19/19 10:30 AM	0	27	631	103042
7/19/19 11:00 AM	0	27	631	103042
7/19/19 11:30 AM	0	27	631	103042
7/19/19 12:00 PM	0	27	631	103042
7/19/19 12:30 PM	0	27	631	103042
7/19/19 1:00 PM	0	27	631	103042
7/19/19 1:30 PM	0	28	631	103042
7/19/19 2:00 PM	0	28	631	103042
7/19/19 2:30 PM	0	28	631	103042
7/19/19 3:00 PM	0	28	631	103042
7/19/19 3:30 PM	0	28	631	103042
7/19/19 4:00 PM	0	28	630	103042
7/19/19 4:30 PM	0	28	631	103042
7/19/19 5:00 PM	0	28	630	103042
7/19/19 5:30 PM	0	28	630	103042
7/19/19 6:00 PM	0	28	630	103042
7/19/19 6:30 PM	0	28	630	103042
7/19/19 7:00 PM	0	28	630	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/19/19 7:30 PM	0	28	630	103042
7/19/19 8:00 PM	0	28	630	103042
7/19/19 8:30 PM	0	28	630	103042
7/19/19 9:00 PM	0	28	630	103042
7/19/19 9:30 PM	0	28	630	103042
7/19/19 10:00 PM	0	28	630	103042
7/19/19 10:30 PM	0	28	630	103042
7/19/19 11:00 PM	0	28	630	103042
7/19/19 11:30 PM	0	28	630	103042
7/20/19 12:00 AM	0	28	630	103042
7/20/19 12:30 AM	0	28	630	103042
7/20/19 1:00 AM	0	28	630	103042
7/20/19 1:30 AM	0	28	630	103042
7/20/19 2:00 AM	0	28	630	103042
7/20/19 2:30 AM	0	28	630	103042
7/20/19 3:00 AM	0	28	630	103042
7/20/19 3:30 AM	0	28	630	103042
7/20/19 4:00 AM	0	28	630	103042
7/20/19 4:30 AM	0	28	630	103042
7/20/19 5:00 AM	0	28	630	103042
7/20/19 5:30 AM	0	28	630	103042
7/20/19 6:00 AM	0	28	630	103042
7/20/19 6:30 AM	0	28	630	103042
7/20/19 7:00 AM	0	28	630	103042
7/20/19 7:30 AM	0	28	630	103042
7/20/19 8:00 AM	0	28	630	103042
7/20/19 8:30 AM	0	28	630	103042
7/20/19 9:00 AM	0	28	630	103042
7/20/19 9:30 AM	0	28	630	103042
7/20/19 10:00 AM	0	28	630	103042
7/20/19 10:30 AM	0	28	630	103042
7/20/19 11:00 AM	0	28	629	103042
7/20/19 11:30 AM	0	28	629	103042
7/20/19 12:00 PM	0	28	629	103042
7/20/19 12:30 PM	0	28	630	103042
7/20/19 1:00 PM	0	28	630	103042
7/20/19 1:30 PM	0	28	629	103042
7/20/19 2:00 PM	0	28	629	103042
7/20/19 2:30 PM	0	28	629	103042
7/20/19 3:00 PM	0	28	629	103042
7/20/19 3:30 PM	0	28	629	103042
7/20/19 4:00 PM	0	28	629	103042
7/20/19 4:30 PM	0	29	629	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/20/19 5:00 PM	0	29	629	103042
7/20/19 5:30 PM	0	29	629	103042
7/20/19 6:00 PM	0	29	629	103042
7/20/19 6:30 PM	0	29	629	103042
7/20/19 7:00 PM	0	29	629	103042
7/20/19 7:30 PM	0	29	629	103042
7/20/19 8:00 PM	0	29	629	103042
7/20/19 8:30 PM	0	29	629	103042
7/20/19 9:00 PM	0	29	629	103042
7/20/19 9:30 PM	0	29	629	103042
7/20/19 10:00 PM	0	29	629	103042
7/20/19 10:30 PM	0	29	629	103042
7/20/19 11:00 PM	0	28	629	103042
7/20/19 11:30 PM	0	28	629	103042
7/21/19 12:00 AM	0	28	629	103042
7/21/19 12:30 AM	0	28	629	103042
7/21/19 1:00 AM	0	28	629	103042
7/21/19 1:30 AM	0	28	629	103042
7/21/19 2:00 AM	0	28	629	103042
7/21/19 2:30 AM	0	28	629	103042
7/21/19 3:00 AM	0	28	628	103042
7/21/19 3:30 AM	0	28	628	103042
7/21/19 4:00 AM	0	28	628	103042
7/21/19 4:30 AM	0	28	628	103042
7/21/19 5:00 AM	0	28	628	103042
7/21/19 5:30 AM	0	28	628	103042
7/21/19 6:00 AM	0	28	628	103042
7/21/19 6:30 AM	0	28	628	103042
7/21/19 7:00 AM	0	28	628	103042
7/21/19 7:30 AM	0	28	628	103042
7/21/19 8:00 AM	0	28	629	103042
7/21/19 8:30 AM	0	28	628	103042
7/21/19 9:00 AM	0	28	628	103042
7/21/19 9:30 AM	0	28	628	103042
7/21/19 10:00 AM	0	28	628	103042
7/21/19 10:30 AM	0	28	628	103042
7/21/19 11:00 AM	0	28	628	103042
7/21/19 11:30 AM	0	28	628	103042
7/21/19 12:00 PM	0	29	628	103042
7/21/19 12:30 PM	0	29	628	103042
7/21/19 1:00 PM	0	29	628	103042
7/21/19 1:30 PM	0	29	628	103042
7/21/19 2:00 PM	0	29	628	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/21/19 2:30 PM	0	29	628	103042
7/21/19 3:00 PM	0	29	628	103042
7/21/19 3:30 PM	0	29	628	103042
7/21/19 4:00 PM	0	29	628	103042
7/21/19 4:30 PM	0	29	628	103042
7/21/19 5:00 PM	0	29	628	103042
7/21/19 5:30 PM	0	29	628	103042
7/21/19 6:00 PM	0	29	628	103042
7/21/19 6:30 PM	0	29	627	103042
7/21/19 7:00 PM	0	29	627	103042
7/21/19 7:30 PM	0	29	627	103042
7/21/19 8:00 PM	0	29	627	103042
7/21/19 8:30 PM	0	29	627	103042
7/21/19 9:00 PM	0	29	627	103042
7/21/19 9:30 PM	0	29	627	103042
7/21/19 10:00 PM	0	29	627	103042
7/21/19 10:30 PM	0	29	627	103042
7/21/19 11:00 PM	0	29	627	103042
7/21/19 11:30 PM	0	29	627	103042
7/22/19 12:00 AM	0	29	627	103042
7/22/19 12:30 AM	0	29	627	103042
7/22/19 1:00 AM	0	29	627	103042
7/22/19 1:30 AM	0	29	627	103042
7/22/19 2:00 AM	0	29	627	103042
7/22/19 2:30 AM	0	29	627	103042
7/22/19 3:00 AM	0	29	627	103042
7/22/19 3:30 AM	0	29	627	103042
7/22/19 4:00 AM	0	29	627	103042
7/22/19 4:30 AM	0	29	627	103042
7/22/19 5:00 AM	0	29	627	103042
7/22/19 5:30 AM	0	29	627	103042
7/22/19 6:00 AM	0	29	627	103042
7/22/19 6:30 AM	0	29	627	103042
7/22/19 7:00 AM	0	29	627	103042
7/22/19 7:30 AM	0	29	627	103042
7/22/19 8:00 AM	0	29	627	103042
7/22/19 8:30 AM	0	29	627	103042
7/22/19 9:00 AM	0	29	627	103042
7/22/19 9:30 AM	0	29	627	103042
7/22/19 10:00 AM	0	29	627	103042
7/22/19 10:30 AM	0	29	627	103042
7/22/19 11:00 AM	0	29	626	103042
7/22/19 11:30 AM	0	29	626	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/22/19 12:00 PM	0	29	626	103042
7/22/19 12:30 PM	0	29	626	103042
7/22/19 1:00 PM	0	29	626	103042
7/22/19 1:30 PM	0	29	626	103042
7/22/19 2:00 PM	0	29	626	103042
7/22/19 2:30 PM	0	29	626	103042
7/22/19 3:00 PM	0	29	626	103042
7/22/19 3:30 PM	0	29	626	103042
7/22/19 4:00 PM	0	30	626	103042
7/22/19 4:30 PM	0	30	626	103042
7/22/19 5:00 PM	0	30	626	103042
7/22/19 5:30 PM	0	30	626	103042
7/22/19 6:00 PM	0	30	626	103042
7/22/19 6:30 PM	0	30	626	103042
7/22/19 7:00 PM	0	30	626	103042
7/22/19 7:30 PM	0	30	626	103042
7/22/19 8:00 PM	0	30	626	103042
7/22/19 8:30 PM	0	30	626	103042
7/22/19 9:00 PM	0	30	626	103042
7/22/19 9:30 PM	0	30	626	103042
7/22/19 10:00 PM	0	30	626	103042
7/22/19 10:30 PM	0	30	626	103042
7/22/19 11:00 PM	0	30	626	103042
7/22/19 11:30 PM	0	30	626	103042
7/23/19 12:00 AM	0	29	626	103042
7/23/19 12:30 AM	0	29	626	103042
7/23/19 1:00 AM	0	29	626	103042
7/23/19 1:30 AM	0	29	626	103042
7/23/19 2:00 AM	0	29	626	103042
7/23/19 2:30 AM	0	29	626	103042
7/23/19 3:00 AM	0	29	626	103042
7/23/19 3:30 AM	0	29	626	103042
7/23/19 4:00 AM	0	29	626	103042
7/23/19 4:30 AM	0	29	626	103042
7/23/19 5:00 AM	0	29	626	103042
7/23/19 5:30 AM	0	29	625	103042
7/23/19 6:00 AM	0	29	625	103042
7/23/19 6:30 AM	0	29	625	103042
7/23/19 7:00 AM	0	29	626	103042
7/23/19 7:30 AM	0	29	626	103042
7/23/19 8:00 AM	0	29	626	103042
7/23/19 8:30 AM	0	29	626	103042
7/23/19 9:00 AM	0	29	625	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/23/19 9:30 AM	0	29	625	103042
7/23/19 10:00 AM	0	29	625	103042
7/23/19 10:30 AM	0	29	625	103042
7/23/19 11:00 AM	0	29	625	103042
7/23/19 11:30 AM	0	29	625	103042
7/23/19 12:00 PM	0	29	625	103042
7/23/19 12:30 PM	0	30	625	103042
7/23/19 1:00 PM	0	30	625	103042
7/23/19 1:30 PM	0	30	625	103042
7/23/19 2:00 PM	0	30	625	103042
7/23/19 2:30 PM	0	30	625	103042
7/23/19 3:00 PM	0	30	625	103042
7/23/19 3:30 PM	0	30	625	103042
7/23/19 4:00 PM	0	30	625	103042
7/23/19 4:30 PM	0	30	625	103042
7/23/19 5:00 PM	0	30	625	103042
7/23/19 5:30 PM	0	30	625	103042
7/23/19 6:00 PM	0	30	625	103042
7/23/19 6:30 PM	0	30	625	103042
7/23/19 7:00 PM	0	30	624	103042
7/23/19 7:30 PM	0	30	624	103042
7/23/19 8:00 PM	0	30	624	103042
7/23/19 8:30 PM	0	30	625	103042
7/23/19 9:00 PM	0	30	625	103042
7/23/19 9:30 PM	0	30	625	103042
7/23/19 10:00 PM	0	30	624	103042
7/23/19 10:30 PM	0	30	625	103042
7/23/19 11:00 PM	0	30	624	103042
7/23/19 11:30 PM	0	30	624	103042
7/24/19 12:00 AM	0	30	624	103042
7/24/19 12:30 AM	0	30	624	103042
7/24/19 1:00 AM	0	30	624	103042
7/24/19 1:30 AM	0	30	624	103042
7/24/19 2:00 AM	0	30	624	103042
7/24/19 2:30 AM	0	30	624	103042
7/24/19 3:00 AM	0	30	624	103042
7/24/19 3:30 AM	0	30	624	103042
7/24/19 4:00 AM	0	30	624	103042
7/24/19 4:30 AM	0	30	624	103042
7/24/19 5:00 AM	0	30	624	103042
7/24/19 5:30 AM	0	30	624	103042
7/24/19 6:00 AM	0	29	624	103042
7/24/19 6:30 AM	0	29	624	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/24/19 7:00 AM	0	29	624	103042
7/24/19 7:30 AM	0	29	624	103042
7/24/19 8:00 AM	0	29	624	103042
7/24/19 8:30 AM	0	30	624	103042
7/24/19 9:00 AM	0	30	624	103042
7/24/19 9:30 AM	0	30	624	103042
7/24/19 10:00 AM	0	30	624	103042
7/24/19 10:30 AM	0	30	624	103042
7/24/19 11:00 AM	0	30	624	103042
7/24/19 11:30 AM	0	30	624	103042
7/24/19 12:00 PM	0	30	624	103042
7/24/19 12:30 PM	0	30	623	103042
7/24/19 1:00 PM	0	30	623	103042
7/24/19 1:30 PM	0	30	623	103042
7/24/19 2:00 PM	0	30	623	103042
7/24/19 2:30 PM	0	30	623	103042
7/24/19 3:00 PM	0	30	623	103042
7/24/19 3:30 PM	0	30	623	103042
7/24/19 4:00 PM	0	30	623	103042
7/24/19 4:30 PM	0	30	623	103042
7/24/19 5:00 PM	0	30	623	103042
7/24/19 5:30 PM	0	31	623	103042
7/24/19 6:00 PM	0	31	623	103042
7/24/19 6:30 PM	0	31	623	103042
7/24/19 7:00 PM	0	31	623	103042
7/24/19 7:30 PM	0	31	623	103042
7/24/19 8:00 PM	0	31	623	103042
7/24/19 8:30 PM	0	30	623	103042
7/24/19 9:00 PM	0	30	623	103042
7/24/19 9:30 PM	0	30	623	103042
7/24/19 10:00 PM	0	30	623	103042
7/24/19 10:30 PM	0	30	623	103042
7/24/19 11:00 PM	0	30	623	103042
7/24/19 11:30 PM	0	30	623	103042
7/25/19 12:00 AM	0	30	623	103042
7/25/19 12:30 AM	0	30	623	103042
7/25/19 1:00 AM	0	30	623	103042
7/25/19 1:30 AM	0	30	623	103042
7/25/19 2:00 AM	0	30	623	103042
7/25/19 2:30 AM	0	30	623	103042
7/25/19 3:00 AM	0	30	623	103042
7/25/19 3:30 AM	0	30	623	103042
7/25/19 4:00 AM	0	30	623	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/25/19 4:30 AM	0	30	623	103042
7/25/19 5:00 AM	0	30	623	103042
7/25/19 5:30 AM	0	30	623	103042
7/25/19 6:00 AM	0	30	623	103042
7/25/19 6:30 AM	0	30	623	103042
7/25/19 7:00 AM	0	30	623	103042
7/25/19 7:30 AM	0	30	623	103042
7/25/19 8:00 AM	0	30	623	103042
7/25/19 8:30 AM	0	30	623	103042
7/25/19 9:00 AM	0	30	623	103042
7/25/19 9:30 AM	0	30	623	103042
7/25/19 10:00 AM	0	30	623	103042
7/25/19 10:30 AM	0	30	622	103042
7/25/19 11:00 AM	0	30	622	103042
7/25/19 11:30 AM	0	30	622	103042
7/25/19 12:00 PM	0	30	622	103042
7/25/19 12:30 PM	0	30	622	103042
7/25/19 1:00 PM	0	30	622	103042
7/25/19 1:30 PM	0	30	622	103042
7/25/19 2:00 PM	0	31	622	103042
7/25/19 2:30 PM	0	31	622	103042
7/25/19 3:00 PM	0	31	622	103042
7/25/19 3:30 PM	0	31	622	103042
7/25/19 4:00 PM	0	31	622	103042
7/25/19 4:30 PM	0	31	622	103042
7/25/19 5:00 PM	0	31	622	103042
7/25/19 5:30 PM	0	31	622	103042
7/25/19 6:00 PM	0	31	622	103042
7/25/19 6:30 PM	0	31	622	103042
7/25/19 7:00 PM	0	31	622	103042
7/25/19 7:30 PM	0	31	622	103042
7/25/19 8:00 PM	0	31	622	103042
7/25/19 8:30 PM	0	31	622	103042
7/25/19 9:00 PM	0	31	622	103042
7/25/19 9:30 PM	0	31	622	103042
7/25/19 10:00 PM	0	31	622	103042
7/25/19 10:30 PM	0	31	622	103042
7/25/19 11:00 PM	0	31	622	103042
7/25/19 11:30 PM	0	31	622	103042
7/26/19 12:00 AM	0	31	622	103042
7/26/19 12:30 AM	0	31	622	103042
7/26/19 1:00 AM	0	31	622	103042
7/26/19 1:30 AM	0	31	622	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/26/19 2:00 AM	0	31	621	103042
7/26/19 2:30 AM	0	31	622	103042
7/26/19 3:00 AM	0	30	622	103042
7/26/19 3:30 AM	0	30	622	103042
7/26/19 4:00 AM	0	30	621	103042
7/26/19 4:30 AM	0	30	621	103042
7/26/19 5:00 AM	0	30	621	103042
7/26/19 5:30 AM	0	30	621	103042
7/26/19 6:00 AM	0	30	621	103042
7/26/19 6:30 AM	0	30	621	103042
7/26/19 7:00 AM	0	30	621	103042
7/26/19 7:30 AM	0	30	621	103042
7/26/19 8:00 AM	0	30	622	103042
7/26/19 8:30 AM	0	30	621	103042
7/26/19 9:00 AM	0	31	621	103042
7/26/19 9:30 AM	0	31	621	103042
7/26/19 10:00 AM	0	31	621	103042
7/26/19 10:30 AM	0	31	621	103042
7/26/19 11:00 AM	0	31	621	103042
7/26/19 11:30 AM	0	31	621	103042
7/26/19 12:00 PM	0	31	621	103042
7/26/19 12:30 PM	0	31	621	103042
7/26/19 1:00 PM	0	31	621	103042
7/26/19 1:30 PM	0	31	621	103042
7/26/19 2:00 PM	0	31	621	103042
7/26/19 2:30 PM	0	31	621	103042
7/26/19 3:00 PM	0	31	621	103042
7/26/19 3:30 PM	0	31	621	103042
7/26/19 4:00 PM	0	31	620	103042
7/26/19 4:30 PM	0	31	620	103042
7/26/19 5:00 PM	0	31	621	103042
7/26/19 5:30 PM	0	31	621	103042
7/26/19 6:00 PM	0	31	621	103042
7/26/19 6:30 PM	0	31	621	103042
7/26/19 7:00 PM	0	31	620	103042
7/26/19 7:30 PM	0	31	620	103042
7/26/19 8:00 PM	0	31	620	103042
7/26/19 8:30 PM	0	31	620	103042
7/26/19 9:00 PM	0	31	621	103042
7/26/19 9:30 PM	0	31	621	103042
7/26/19 10:00 PM	0	31	620	103042
7/26/19 10:30 PM	0	31	620	103042
7/26/19 11:00 PM	0	31	620	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/26/19 11:30 PM	0	31	620	103042
7/27/19 12:00 AM	0	31	620	103042
7/27/19 12:30 AM	0	31	620	103042
7/27/19 1:00 AM	0	31	620	103042
7/27/19 1:30 AM	0	31	620	103042
7/27/19 2:00 AM	0	31	620	103042
7/27/19 2:30 AM	0	31	620	103042
7/27/19 3:00 AM	0	31	620	103042
7/27/19 3:30 AM	0	31	620	103042
7/27/19 4:00 AM	0	31	620	103042
7/27/19 4:30 AM	0	31	620	103042
7/27/19 5:00 AM	0	31	620	103042
7/27/19 5:30 AM	0	31	620	103042
7/27/19 6:00 AM	0	31	620	103042
7/27/19 6:30 AM	0	31	620	103042
7/27/19 7:00 AM	0	31	620	103042
7/27/19 7:30 AM	0	31	620	103042
7/27/19 8:00 AM	0	31	620	103042
7/27/19 8:30 AM	0	31	620	103042
7/27/19 9:00 AM	0	31	620	103042
7/27/19 9:30 AM	0	31	620	103042
7/27/19 10:00 AM	0	31	620	103042
7/27/19 10:30 AM	0	31	620	103042
7/27/19 11:00 AM	0	31	620	103042
7/27/19 11:30 AM	0	31	620	103042
7/27/19 12:00 PM	0	31	620	103042
7/27/19 12:30 PM	0	31	620	103042
7/27/19 1:00 PM	0	31	620	103042
7/27/19 1:30 PM	0	31	620	103042
7/27/19 2:00 PM	0	31	620	103042
7/27/19 2:30 PM	0	31	620	103042
7/27/19 3:00 PM	0	31	619	103042
7/27/19 3:30 PM	0	31	619	103042
7/27/19 4:00 PM	0	32	619	103042
7/27/19 4:30 PM	0	32	619	103042
7/27/19 5:00 PM	0	32	618	103042
7/27/19 5:30 PM	0	32	619	103042
7/27/19 6:00 PM	0	32	619	103042
7/27/19 6:30 PM	0	32	619	103042
7/27/19 7:00 PM	0	32	619	103042
7/27/19 7:30 PM	0	31	619	103042
7/27/19 8:00 PM	0	31	619	103042
7/27/19 8:30 PM	0	31	619	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/27/19 9:00 PM	0	31	619	103042
7/27/19 9:30 PM	0	31	619	103042
7/27/19 10:00 PM	0	31	619	103042
7/27/19 10:30 PM	0	31	619	103042
7/27/19 11:00 PM	0	31	619	103042
7/27/19 11:30 PM	0	31	619	103042
7/28/19 12:00 AM	0	31	619	103042
7/28/19 12:30 AM	0	31	619	103042
7/28/19 1:00 AM	0	31	619	103042
7/28/19 1:30 AM	0	31	619	103042
7/28/19 2:00 AM	0	31	619	103042
7/28/19 2:30 AM	0	31	619	103042
7/28/19 3:00 AM	0	31	619	103042
7/28/19 3:30 AM	0	31	619	103042
7/28/19 4:00 AM	0	31	619	103042
7/28/19 4:30 AM	0	31	619	103042
7/28/19 5:00 AM	0	31	619	103042
7/28/19 5:30 AM	0	31	619	103042
7/28/19 6:00 AM	0	31	619	103042
7/28/19 6:30 AM	0	31	619	103042
7/28/19 7:00 AM	0	31	619	103042
7/28/19 7:30 AM	0	31	619	103042
7/28/19 8:00 AM	0	31	619	103042
7/28/19 8:30 AM	0	31	619	103042
7/28/19 9:00 AM	0	31	619	103042
7/28/19 9:30 AM	0	31	619	103042
7/28/19 10:00 AM	0	31	618	103042
7/28/19 10:30 AM	0	31	618	103042
7/28/19 11:00 AM	0	31	618	103042
7/28/19 11:30 AM	0	31	618	103042
7/28/19 12:00 PM	0	31	618	103042
7/28/19 12:30 PM	0	31	618	103042
7/28/19 1:00 PM	0	31	618	103042
7/28/19 1:30 PM	0	31	618	103042
7/28/19 2:00 PM	0	32	618	103042
7/28/19 2:30 PM	0	32	618	103042
7/28/19 3:00 PM	0	32	618	103042
7/28/19 3:30 PM	0	32	618	103042
7/28/19 4:00 PM	0	32	618	103042
7/28/19 4:30 PM	0	32	618	103042
7/28/19 5:00 PM	0	32	618	103042
7/28/19 5:30 PM	0	32	618	103042
7/28/19 6:00 PM	0	32	618	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/28/19 6:30 PM	0	32	618	103042
7/28/19 7:00 PM	0	32	618	103042
7/28/19 7:30 PM	0	32	618	103042
7/28/19 8:00 PM	0	32	618	103042
7/28/19 8:30 PM	0	32	618	103042
7/28/19 9:00 PM	0	32	618	103042
7/28/19 9:30 PM	0	32	618	103042
7/28/19 10:00 PM	0	32	618	103042
7/28/19 10:30 PM	0	32	618	103042
7/28/19 11:00 PM	0	32	618	103042
7/28/19 11:30 PM	0	32	618	103042
7/29/19 12:00 AM	0	32	618	103042
7/29/19 12:30 AM	0	32	618	103042
7/29/19 1:00 AM	0	32	618	103042
7/29/19 1:30 AM	0	32	618	103042
7/29/19 2:00 AM	0	32	618	103042
7/29/19 2:30 AM	0	32	617	103042
7/29/19 3:00 AM	0	32	617	103042
7/29/19 3:30 AM	0	32	617	103042
7/29/19 4:00 AM	0	32	617	103042
7/29/19 4:30 AM	0	32	617	103042
7/29/19 5:00 AM	0	32	617	103042
7/29/19 5:30 AM	0	32	617	103042
7/29/19 6:00 AM	0	31	617	103042
7/29/19 6:30 AM	0	31	617	103042
7/29/19 7:00 AM	0	31	617	103042
7/29/19 7:30 AM	0	31	618	103042
7/29/19 8:00 AM	0	31	617	103042
7/29/19 8:30 AM	0	31	617	103042
7/29/19 9:00 AM	0	32	617	103042
7/29/19 9:30 AM	0	32	617	103042
7/29/19 10:00 AM	0	32	617	103042
7/29/19 10:30 AM	0	32	617	103042
7/29/19 11:00 AM	0	32	617	103042
7/29/19 11:30 AM	0	32	617	103042
7/29/19 12:00 PM	0	32	617	103042
7/29/19 12:30 PM	0	32	617	103042
7/29/19 1:00 PM	0	32	617	103042
7/29/19 1:30 PM	0	32	617	103042
7/29/19 2:00 PM	0	32	617	103042
7/29/19 2:30 PM	0	32	617	103042
7/29/19 3:00 PM	0	32	617	103042
7/29/19 3:30 PM	0	32	617	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/29/19 4:00 PM	0	32	617	103042
7/29/19 4:30 PM	0	33	617	103042
7/29/19 5:00 PM	0	33	617	103042
7/29/19 5:30 PM	0	33	617	103042
7/29/19 6:00 PM	0	33	616	103042
7/29/19 6:30 PM	0	33	616	103042
7/29/19 7:00 PM	0	33	617	103042
7/29/19 7:30 PM	0	33	617	103042
7/29/19 8:00 PM	0	33	616	103042
7/29/19 8:30 PM	0	33	616	103042
7/29/19 9:00 PM	0	33	616	103042
7/29/19 9:30 PM	0	33	617	103042
7/29/19 10:00 PM	0	32	617	103042
7/29/19 10:30 PM	0	32	616	103042
7/29/19 11:00 PM	0	32	616	103042
7/29/19 11:30 PM	0	32	617	103042
7/30/19 12:00 AM	0	32	616	103042
7/30/19 12:30 AM	0	32	616	103042
7/30/19 1:00 AM	0	32	616	103042
7/30/19 1:30 AM	0	32	616	103042
7/30/19 2:00 AM	0	32	616	103042
7/30/19 2:30 AM	0	32	616	103042
7/30/19 3:00 AM	0	32	616	103042
7/30/19 3:30 AM	0	32	616	103042
7/30/19 4:00 AM	0	32	616	103042
7/30/19 4:30 AM	0	32	616	103042
7/30/19 5:00 AM	0	32	616	103042
7/30/19 5:30 AM	0	32	616	103042
7/30/19 6:00 AM	0	32	616	103042
7/30/19 6:30 AM	0	32	616	103042
7/30/19 7:00 AM	0	32	616	103042
7/30/19 7:30 AM	0	32	616	103042
7/30/19 8:00 AM	0	32	616	103042
7/30/19 8:30 AM	0	32	616	103042
7/30/19 9:00 AM	0	32	616	103042
7/30/19 9:30 AM	0	32	616	103042
7/30/19 10:00 AM	0	32	616	103042
7/30/19 10:30 AM	0	32	616	103042
7/30/19 11:00 AM	0	32	616	103042
7/30/19 11:30 AM	0	32	616	103042
7/30/19 12:00 PM	0	32	616	103042
7/30/19 12:30 PM	0	32	616	103042
7/30/19 1:00 PM	0	32	615	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
7/30/19 1:30 PM	0	32	615	103042
7/30/19 2:00 PM	0	32	615	103042
7/30/19 2:30 PM	0	33	615	103042
7/30/19 3:00 PM	0	33	616	103042
7/30/19 3:30 PM	0	33	615	103042
7/30/19 4:00 PM	0	33	615	103042
7/30/19 4:30 PM	0	33	615	103042
7/30/19 5:00 PM	0	33	616	103042
7/30/19 5:30 PM	0	33	615	103042
7/30/19 6:00 PM	0	33	615	103042
7/30/19 6:30 PM	0	33	615	103042
7/30/19 7:00 PM	0	33	615	103042
7/30/19 7:30 PM	0	33	615	103042
7/30/19 8:00 PM	0	33	615	103042
7/30/19 8:30 PM	0	33	615	103042
7/30/19 9:00 PM	0	33	615	103042
7/30/19 9:30 PM	0	33	615	103042
7/30/19 10:00 PM	0	33	615	103042
7/30/19 10:30 PM	0	33	615	103042
7/30/19 11:00 PM	0	33	615	103042
7/30/19 11:30 PM	0	33	615	103042
7/31/19 12:00 AM	0	33	615	103042
7/31/19 12:30 AM	0	33	615	103042
7/31/19 1:00 AM	0	32	615	103042
7/31/19 1:30 AM	0	32	615	103042
7/31/19 2:00 AM	0	32	615	103042
7/31/19 2:30 AM	0	32	615	103042
7/31/19 3:00 AM	0	32	615	103042
7/31/19 3:30 AM	0	32	615	103042
7/31/19 4:00 AM	0	32	615	103042
7/31/19 4:30 AM	0	32	615	103042
7/31/19 5:00 AM	0	32	615	103042
7/31/19 5:30 AM	0	32	615	103042
7/31/19 6:00 AM	0	32	615	103042
7/31/19 6:30 AM	0	32	615	103042
7/31/19 7:00 AM	0	32	615	103042
7/31/19 7:30 AM	0	32	615	103042
7/31/19 8:00 AM	0	32	615	103042
7/31/19 8:30 AM	0	32	615	103042
7/31/19 9:00 AM	0	32	615	103042
7/31/19 9:30 AM	0	32	615	103042
7/31/19 10:00 AM	0	32	615	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
7/31/19 10:30 AM	0	32	615	103042
7/31/19 11:00 AM	0	33	615	103042
7/31/19 11:30 AM	0	33	615	103042
7/31/19 12:00 PM	0	33	615	103042
7/31/19 12:30 PM	0	33	615	103042
7/31/19 1:00 PM	0	33	614	103042
7/31/19 1:30 PM	0	33	614	103042
7/31/19 2:00 PM	0	33	614	103042
7/31/19 2:30 PM	0	33	614	103042
7/31/19 3:00 PM	0	33	614	103042
7/31/19 3:30 PM	0	33	614	103042
7/31/19 4:00 PM	0	33	614	103042
7/31/19 4:30 PM	0	33	614	103042
7/31/19 5:00 PM	0	33	614	103042
7/31/19 5:30 PM	0	33	614	103042
7/31/19 6:00 PM	0	33	614	103042
7/31/19 6:30 PM	0	33	614	103042
7/31/19 7:00 PM	0	33	614	103042
7/31/19 7:30 PM	0	33	614	103042
7/31/19 8:00 PM	0	33	614	103042
7/31/19 8:30 PM	0	33	614	103042
7/31/19 9:00 PM	0	33	614	103042
7/31/19 9:30 PM	0	33	614	103042
7/31/19 10:00 PM	0	33	614	103042
7/31/19 10:30 PM	0	33	614	103042
7/31/19 11:00 PM	0	33	614	103042
7/31/19 11:30 PM	0	33	614	103042
8/1/19 12:00 AM	0	33	614	103042
8/1/19 12:30 AM	0	33	614	103042
8/1/19 1:00 AM	0	33	614	103042
8/1/19 1:30 AM	0	33	614	103042
8/1/19 2:00 AM	0	33	614	103042
8/1/19 2:30 AM	0	33	614	103042
8/1/19 3:00 AM	0	33	614	103042
8/1/19 3:30 AM	0	33	614	103042
8/1/19 4:00 AM	0	33	614	103042
8/1/19 4:30 AM	0	33	614	103042
8/1/19 5:00 AM	0	33	614	103042
8/1/19 5:30 AM	0	33	614	103042
8/1/19 6:00 AM	0	33	614	103042
8/1/19 6:30 AM	0	33	614	103042
8/1/19 7:00 AM	0	33	614	103042
8/1/19 7:30 AM	0	33	614	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/1/19 8:00 AM	0	33	614	103042
8/1/19 8:30 AM	0	33	614	103042
8/1/19 9:00 AM	0	33	614	103042
8/1/19 9:30 AM	0	33	614	103042
8/1/19 10:00 AM	0	33	614	103042
8/1/19 10:30 AM	0	33	614	103042
8/1/19 11:00 AM	0	33	613	103042
8/1/19 11:30 AM	0	33	613	103042
8/1/19 12:00 PM	0	33	613	103042
8/1/19 12:30 PM	0	33	613	103042
8/1/19 1:00 PM	0	33	613	103042
8/1/19 1:30 PM	0	33	613	103042
8/1/19 2:00 PM	0	33	613	103042
8/1/19 2:30 PM	0	34	613	103042
8/1/19 3:00 PM	0	34	613	103042
8/1/19 3:30 PM	0	34	613	103042
8/1/19 4:00 PM	0	34	613	103042
8/1/19 4:30 PM	0	34	613	103042
8/1/19 5:00 PM	0	34	613	103042
8/1/19 5:30 PM	0	34	613	103042
8/1/19 6:00 PM	0	34	613	103042
8/1/19 6:30 PM	0	34	613	103042
8/1/19 7:00 PM	0	34	613	103042
8/1/19 7:30 PM	0	34	613	103042
8/1/19 8:00 PM	0	34	613	103042
8/1/19 8:30 PM	0	34	613	103042
8/1/19 9:00 PM	0	34	613	103042
8/1/19 9:30 PM	0	34	613	103042
8/1/19 10:00 PM	0	34	613	103042
8/1/19 10:30 PM	0	34	613	103042
8/1/19 11:00 PM	0	34	613	103042
8/1/19 11:30 PM	0	34	613	103042
8/2/19 12:00 AM	0	34	613	103042
8/2/19 12:30 AM	0	34	613	103042
8/2/19 1:00 AM	0	34	613	103042
8/2/19 1:30 AM	0	34	613	103042
8/2/19 2:00 AM	0	33	613	103042
8/2/19 2:30 AM	0	33	613	103042
8/2/19 3:00 AM	0	33	613	103042
8/2/19 3:30 AM	0	33	613	103042
8/2/19 4:00 AM	0	33	613	103042
8/2/19 4:30 AM	0	33	613	103042
8/2/19 5:00 AM	0	33	613	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/2/19 5:30 AM	0	33	612	103042
8/2/19 6:00 AM	0	33	612	103042
8/2/19 6:30 AM	0	33	612	103042
8/2/19 7:00 AM	0	33	612	103042
8/2/19 7:30 AM	0	33	613	103042
8/2/19 8:00 AM	0	33	613	103042
8/2/19 8:30 AM	0	33	613	103042
8/2/19 9:00 AM	0	33	613	103042
8/2/19 9:30 AM	0	33	613	103042
8/2/19 10:00 AM	0	33	612	103042
8/2/19 10:30 AM	0	33	612	103042
8/2/19 11:00 AM	0	34	612	103042
8/2/19 11:30 AM	0	34	612	103042
8/2/19 12:00 PM	0	34	612	103042
8/2/19 12:30 PM	0	34	612	103042
8/2/19 1:00 PM	0	34	612	103042
8/2/19 1:30 PM	0	34	612	103042
8/2/19 2:00 PM	0	34	612	103042
8/2/19 2:30 PM	0	34	612	103042
8/2/19 3:00 PM	0	34	612	103042
8/2/19 3:30 PM	0	34	612	103042
8/2/19 4:00 PM	0	34	612	103042
8/2/19 4:30 PM	0	34	612	103042
8/2/19 5:00 PM	0	34	612	103042
8/2/19 5:30 PM	0	34	612	103042
8/2/19 6:00 PM	0	34	612	103042
8/2/19 6:30 PM	0	34	611	103042
8/2/19 7:00 PM	0	34	612	103042
8/2/19 7:30 PM	0	34	612	103042
8/2/19 8:00 PM	0	34	612	103042
8/2/19 8:30 PM	0	34	612	103042
8/2/19 9:00 PM	0	34	612	103042
8/2/19 9:30 PM	0	34	612	103042
8/2/19 10:00 PM	0	34	612	103042
8/2/19 10:30 PM	0	34	612	103042
8/2/19 11:00 PM	0	34	612	103042
8/2/19 11:30 PM	0	34	612	103042
8/3/19 12:00 AM	0	34	612	103042
8/3/19 12:30 AM	0	34	612	103042
8/3/19 1:00 AM	0	34	611	103042
8/3/19 1:30 AM	0	34	612	103042
8/3/19 2:00 AM	0	34	611	103042
8/3/19 2:30 AM	0	34	611	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/3/19 3:00 AM	0	34	611	103042
8/3/19 3:30 AM	0	34	611	103042
8/3/19 4:00 AM	0	34	611	103042
8/3/19 4:30 AM	0	34	611	103042
8/3/19 5:00 AM	0	34	611	103042
8/3/19 5:30 AM	0	34	611	103042
8/3/19 6:00 AM	0	34	611	103042
8/3/19 6:30 AM	0	34	611	103042
8/3/19 7:00 AM	0	34	611	103042
8/3/19 7:30 AM	0	34	611	103042
8/3/19 8:00 AM	0	34	611	103042
8/3/19 8:30 AM	0	34	611	103042
8/3/19 9:00 AM	0	34	611	103042
8/3/19 9:30 AM	0	34	611	103042
8/3/19 10:00 AM	0	34	611	103042
8/3/19 10:30 AM	0	34	611	103042
8/3/19 11:00 AM	0	34	611	103042
8/3/19 11:30 AM	0	34	611	103042
8/3/19 12:00 PM	0	34	611	103042
8/3/19 12:30 PM	0	34	611	103042
8/3/19 1:00 PM	0	34	611	103042
8/3/19 1:30 PM	0	34	611	103042
8/3/19 2:00 PM	0	34	611	103042
8/3/19 2:30 PM	0	34	611	103042
8/3/19 3:00 PM	0	34	610	103042
8/3/19 3:30 PM	0	34	611	103042
8/3/19 4:00 PM	0	34	611	103042
8/3/19 4:30 PM	0	34	611	103042
8/3/19 5:00 PM	0	35	611	103042
8/3/19 5:30 PM	0	35	610	103042
8/3/19 6:00 PM	0	35	611	103042
8/3/19 6:30 PM	0	35	611	103042
8/3/19 7:00 PM	0	35	610	103042
8/3/19 7:30 PM	0	35	610	103042
8/3/19 8:00 PM	0	35	610	103042
8/3/19 8:30 PM	0	35	610	103042
8/3/19 9:00 PM	0	35	610	103042
8/3/19 9:30 PM	0	35	610	103042
8/3/19 10:00 PM	0	35	610	103042
8/3/19 10:30 PM	0	34	610	103042
8/3/19 11:00 PM	0	34	610	103042
8/3/19 11:30 PM	0	34	610	103042
8/4/19 12:00 AM	0	34	610	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/4/19 12:30 AM	0	34	610	103042
8/4/19 1:00 AM	0	34	610	103042
8/4/19 1:30 AM	0	34	610	103042
8/4/19 2:00 AM	0	34	610	103042
8/4/19 2:30 AM	0	34	610	103042
8/4/19 3:00 AM	0	34	610	103042
8/4/19 3:30 AM	0	34	610	103042
8/4/19 4:00 AM	0	34	610	103042
8/4/19 4:30 AM	0	34	610	103042
8/4/19 5:00 AM	0	34	610	103042
8/4/19 5:30 AM	0	34	610	103042
8/4/19 6:00 AM	0	34	610	103042
8/4/19 6:30 AM	0	34	610	103042
8/4/19 7:00 AM	0	34	610	103042
8/4/19 7:30 AM	0	34	610	103042
8/4/19 8:00 AM	0	34	610	103042
8/4/19 8:30 AM	0	34	610	103042
8/4/19 9:00 AM	0	34	610	103042
8/4/19 9:30 AM	0	34	610	103042
8/4/19 10:00 AM	0	34	610	103042
8/4/19 10:30 AM	0	34	610	103042
8/4/19 11:00 AM	0	34	610	103042
8/4/19 11:30 AM	0	34	610	103042
8/4/19 12:00 PM	0	34	610	103042
8/4/19 12:30 PM	0	34	610	103042
8/4/19 1:00 PM	0	35	610	103042
8/4/19 1:30 PM	0	35	609	103042
8/4/19 2:00 PM	0	35	610	103042
8/4/19 2:30 PM	0	35	609	103042
8/4/19 3:00 PM	0	35	609	103042
8/4/19 3:30 PM	0	35	610	103042
8/4/19 4:00 PM	0	35	609	103042
8/4/19 4:30 PM	0	35	609	103042
8/4/19 5:00 PM	0	35	609	103042
8/4/19 5:30 PM	0	35	609	103042
8/4/19 6:00 PM	0	35	609	103042
8/4/19 6:30 PM	0	35	609	103042
8/4/19 7:00 PM	0	35	609	103042
8/4/19 7:30 PM	0	35	609	103042
8/4/19 8:00 PM	0	35	609	103042
8/4/19 8:30 PM	0	35	609	103042
8/4/19 9:00 PM	0	35	609	103042
8/4/19 9:30 PM	0	35	609	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/4/19 10:00 PM	0	35	609	103042
8/4/19 10:30 PM	0	35	609	103042
8/4/19 11:00 PM	0	35	609	103042
8/4/19 11:30 PM	0	35	609	103042
8/5/19 12:00 AM	0	35	609	103042
8/5/19 12:30 AM	0	35	609	103042
8/5/19 1:00 AM	0	35	609	103042
8/5/19 1:30 AM	0	35	609	103042
8/5/19 2:00 AM	0	35	609	103042
8/5/19 2:30 AM	0	35	609	103042
8/5/19 3:00 AM	0	35	609	103042
8/5/19 3:30 AM	0	35	609	103042
8/5/19 4:00 AM	0	35	609	103042
8/5/19 4:30 AM	0	35	609	103042
8/5/19 5:00 AM	0	34	609	103042
8/5/19 5:30 AM	0	34	609	103042
8/5/19 6:00 AM	0	34	609	103042
8/5/19 6:30 AM	0	34	609	103042
8/5/19 7:00 AM	0	34	609	103042
8/5/19 7:30 AM	0	34	609	103042
8/5/19 8:00 AM	0	34	609	103042
8/5/19 8:30 AM	0	34	609	103042
8/5/19 9:00 AM	0	34	609	103042
8/5/19 9:30 AM	0	35	609	103042
8/5/19 10:00 AM	0	35	609	103042
8/5/19 10:30 AM	0	35	609	103042
8/5/19 11:00 AM	0	35	609	103042
8/5/19 11:30 AM	0	35	608	103042
8/5/19 12:00 PM	0	35	608	103042
8/5/19 12:30 PM	0	35	608	103042
8/5/19 1:00 PM	0	35	608	103042
8/5/19 1:30 PM	0	35	608	103042
8/5/19 2:00 PM	0	35	608	103042
8/5/19 2:30 PM	0	35	608	103042
8/5/19 3:00 PM	0	35	608	103042
8/5/19 3:30 PM	0	35	608	103042
8/5/19 4:00 PM	0	35	608	103042
8/5/19 4:30 PM	0	35	608	103042
8/5/19 5:00 PM	0	36	608	103042
8/5/19 5:30 PM	0	36	608	103042
8/5/19 6:00 PM	0	36	608	103042
8/5/19 6:30 PM	0	36	608	103042
8/5/19 7:00 PM	0	36	608	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/5/19 7:30 PM	0	36	608	103042
8/5/19 8:00 PM	0	36	608	103042
8/5/19 8:30 PM	0	36	608	103042
8/5/19 9:00 PM	0	36	608	103042
8/5/19 9:30 PM	0	35	608	103042
8/5/19 10:00 PM	0	35	608	103042
8/5/19 10:30 PM	0	35	608	103042
8/5/19 11:00 PM	0	35	608	103042
8/5/19 11:30 PM	0	35	608	103042
8/6/19 12:00 AM	0	35	608	103042
8/6/19 12:30 AM	0	35	608	103042
8/6/19 1:00 AM	0	35	608	103042
8/6/19 1:30 AM	0	35	608	103042
8/6/19 2:00 AM	0	35	608	103042
8/6/19 2:30 AM	0	35	608	103042
8/6/19 3:00 AM	0	35	608	103042
8/6/19 3:30 AM	0	35	608	103042
8/6/19 4:00 AM	0	35	608	103042
8/6/19 4:30 AM	0	35	608	103042
8/6/19 5:00 AM	0	35	608	103042
8/6/19 5:30 AM	0	35	608	103042
8/6/19 6:00 AM	0	35	608	103042
8/6/19 6:30 AM	0	35	608	103042
8/6/19 7:00 AM	0	35	608	103042
8/6/19 7:30 AM	0	35	608	103042
8/6/19 8:00 AM	0	35	608	103042
8/6/19 8:30 AM	0	35	608	103042
8/6/19 9:00 AM	0	35	608	103042
8/6/19 9:30 AM	0	35	608	103042
8/6/19 10:00 AM	0	35	608	103042
8/6/19 10:30 AM	0	35	608	103042
8/6/19 11:00 AM	0	35	607	103042
8/6/19 11:30 AM	0	35	607	103042
8/6/19 12:00 PM	0	35	607	103042
8/6/19 12:30 PM	0	35	607	103042
8/6/19 1:00 PM	0	35	607	103042
8/6/19 1:30 PM	0	35	607	103042
8/6/19 2:00 PM	0	36	607	103042
8/6/19 2:30 PM	0	36	607	103042
8/6/19 3:00 PM	0	36	607	103042
8/6/19 3:30 PM	0	36	607	103042
8/6/19 4:00 PM	0	36	607	103042
8/6/19 4:30 PM	0	36	607	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/6/19 5:00 PM	0	36	607	103042
8/6/19 5:30 PM	0	36	607	103042
8/6/19 6:00 PM	0	36	607	103042
8/6/19 6:30 PM	0	36	607	103042
8/6/19 7:00 PM	0	36	607	103042
8/6/19 7:30 PM	0	36	607	103042
8/6/19 8:00 PM	0	36	607	103042
8/6/19 8:30 PM	0	36	607	103042
8/6/19 9:00 PM	0	36	607	103042
8/6/19 9:30 PM	0	36	607	103042
8/6/19 10:00 PM	0	36	607	103042
8/6/19 10:30 PM	0	36	607	103042
8/6/19 11:00 PM	0	36	607	103042
8/6/19 11:30 PM	0	36	607	103042
8/7/19 12:00 AM	0	36	607	103042
8/7/19 12:30 AM	0	36	607	103042
8/7/19 1:00 AM	0	35	607	103042
8/7/19 1:30 AM	0	35	607	103042
8/7/19 2:00 AM	0	35	607	103042
8/7/19 2:30 AM	0	35	607	103042
8/7/19 3:00 AM	0	35	607	103042
8/7/19 3:30 AM	0	35	607	103042
8/7/19 4:00 AM	0	35	607	103042
8/7/19 4:30 AM	0	35	607	103042
8/7/19 5:00 AM	0	35	607	103042
8/7/19 5:30 AM	0	35	606	103042
8/7/19 6:00 AM	0	35	606	103042
8/7/19 6:30 AM	0	35	606	103042
8/7/19 7:00 AM	0	35	606	103042
8/7/19 7:30 AM	0	35	607	103042
8/7/19 8:00 AM	0	35	607	103042
8/7/19 8:30 AM	0	35	607	103042
8/7/19 9:00 AM	0	35	606	103042
8/7/19 9:30 AM	0	35	606	103042
8/7/19 10:00 AM	0	35	606	103042
8/7/19 10:30 AM	0	35	606	103042
8/7/19 11:00 AM	0	35	606	103042
8/7/19 11:30 AM	0	35	606	103042
8/7/19 12:00 PM	0	35	606	103042
8/7/19 12:30 PM	0	35	606	103042
8/7/19 1:00 PM	0	36	606	103042
8/7/19 1:30 PM	0	36	606	103042
8/7/19 2:00 PM	0	36	606	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/7/19 2:30 PM	0	36	606	103042
8/7/19 3:00 PM	0	36	606	103042
8/7/19 3:30 PM	0	36	606	103042
8/7/19 4:00 PM	0	36	606	103042
8/7/19 4:30 PM	0	36	606	103042
8/7/19 5:00 PM	0	36	606	103042
8/7/19 5:30 PM	0	36	606	103042
8/7/19 6:00 PM	0	36	606	103042
8/7/19 6:30 PM	0	36	606	103042
8/7/19 7:00 PM	0	36	606	103042
8/7/19 7:30 PM	0	36	606	103042
8/7/19 8:00 PM	0	36	606	103042
8/7/19 8:30 PM	0	36	606	103042
8/7/19 9:00 PM	0	36	606	103042
8/7/19 9:30 PM	0	36	606	103042
8/7/19 10:00 PM	0	36	606	103042
8/7/19 10:30 PM	0	36	606	103042
8/7/19 11:00 PM	0	36	606	103042
8/7/19 11:30 PM	0	36	606	103042
8/8/19 12:00 AM	0	36	606	103042
8/8/19 12:30 AM	0	36	606	103042
8/8/19 1:00 AM	0	36	606	103042
8/8/19 1:30 AM	0	36	606	103042
8/8/19 2:00 AM	0	36	606	103042
8/8/19 2:30 AM	0	36	606	103042
8/8/19 3:00 AM	0	36	606	103042
8/8/19 3:30 AM	0	36	606	103042
8/8/19 4:00 AM	0	36	605	103042
8/8/19 4:30 AM	0	35	605	103042
8/8/19 5:00 AM	0	35	605	103042
8/8/19 5:30 AM	0	35	605	103042
8/8/19 6:00 AM	0	35	605	103042
8/8/19 6:30 AM	0	35	605	103042
8/8/19 7:00 AM	0	35	605	103042
8/8/19 7:30 AM	0	35	605	103042
8/8/19 8:00 AM	0	35	606	103042
8/8/19 8:30 AM	0	35	605	103042
8/8/19 9:00 AM	0	35	605	103042
8/8/19 9:30 AM	0	35	605	103042
8/8/19 10:00 AM	0	35	605	103042
8/8/19 10:30 AM	0	35	605	103042
8/8/19 11:00 AM	0	36	605	103042
8/8/19 11:30 AM	0	36	605	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/8/19 12:00 PM	0	36	605	103042
8/8/19 12:30 PM	0	36	605	103042
8/8/19 1:00 PM	0	36	605	103042
8/8/19 1:30 PM	0	36	605	103042
8/8/19 2:00 PM	0	36	605	103042
8/8/19 2:30 PM	0	36	605	103042
8/8/19 3:00 PM	0	36	605	103042
8/8/19 3:30 PM	0	36	605	103042
8/8/19 4:00 PM	0	36	605	103042
8/8/19 4:30 PM	0	36	605	103042
8/8/19 5:00 PM	0	36	605	103042
8/8/19 5:30 PM	0	36	605	103042
8/8/19 6:00 PM	0	36	605	103042
8/8/19 6:30 PM	0	36	605	103042
8/8/19 7:00 PM	0	37	605	103042
8/8/19 7:30 PM	0	37	605	103042
8/8/19 8:00 PM	0	36	605	103042
8/8/19 8:30 PM	0	36	604	103042
8/8/19 9:00 PM	0	36	605	103042
8/8/19 9:30 PM	0	36	605	103042
8/8/19 10:00 PM	0	36	605	103042
8/8/19 10:30 PM	0	36	605	103042
8/8/19 11:00 PM	0	36	605	103042
8/8/19 11:30 PM	0	36	605	103042
8/9/19 12:00 AM	0	36	605	103042
8/9/19 12:30 AM	0	36	605	103042
8/9/19 1:00 AM	0	36	604	103042
8/9/19 1:30 AM	0	36	604	103042
8/9/19 2:00 AM	0	36	605	103042
8/9/19 2:30 AM	0	36	605	103042
8/9/19 3:00 AM	0	36	604	103042
8/9/19 3:30 AM	0	36	604	103042
8/9/19 4:00 AM	0	36	604	103042
8/9/19 4:30 AM	0	36	604	103042
8/9/19 5:00 AM	0	36	604	103042
8/9/19 5:30 AM	0	36	604	103042
8/9/19 6:00 AM	0	36	604	103042
8/9/19 6:30 AM	0	36	604	103042
8/9/19 7:00 AM	0	36	604	103042
8/9/19 7:30 AM	0	36	604	103042
8/9/19 8:00 AM	0	36	604	103042
8/9/19 8:30 AM	0	36	604	103042
8/9/19 9:00 AM	0	36	604	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/9/19 9:30 AM	0	36	604	103042
8/9/19 10:00 AM	0	36	604	103042
8/9/19 10:30 AM	0	36	604	103042
8/9/19 11:00 AM	0	36	604	103042
8/9/19 11:30 AM	0	36	604	103042
8/9/19 12:00 PM	0	36	604	103042
8/9/19 12:30 PM	0	36	604	103042
8/9/19 1:00 PM	0	36	604	103042
8/9/19 1:30 PM	0	36	604	103042
8/9/19 2:00 PM	0	36	604	103042
8/9/19 2:30 PM	0	36	604	103042
8/9/19 3:00 PM	0	37	604	103042
8/9/19 3:30 PM	0	37	604	103042
8/9/19 4:00 PM	0	37	604	103042
8/9/19 4:30 PM	0	37	604	103042
8/9/19 5:00 PM	0	37	604	103042
8/9/19 5:30 PM	0	37	604	103042
8/9/19 6:00 PM	0	37	603	103042
8/9/19 6:30 PM	0	37	603	103042
8/9/19 7:00 PM	0	37	603	103042
8/9/19 7:30 PM	0	37	603	103042
8/9/19 8:00 PM	0	37	603	103042
8/9/19 8:30 PM	0	37	604	103042
8/9/19 9:00 PM	0	37	604	103042
8/9/19 9:30 PM	0	37	604	103042
8/9/19 10:00 PM	0	37	604	103042
8/9/19 10:30 PM	0	37	604	103042
8/9/19 11:00 PM	0	37	604	103042
8/9/19 11:30 PM	0	37	603	103042
8/10/19 12:00 AM	0	37	603	103042
8/10/19 12:30 AM	0	37	603	103042
8/10/19 1:00 AM	0	37	603	103042
8/10/19 1:30 AM	0	37	603	103042
8/10/19 2:00 AM	0	36	603	103042
8/10/19 2:30 AM	0	36	603	103042
8/10/19 3:00 AM	0	36	603	103042
8/10/19 3:30 AM	0	36	603	103042
8/10/19 4:00 AM	0	36	603	103042
8/10/19 4:30 AM	0	36	603	103042
8/10/19 5:00 AM	0	36	603	103042
8/10/19 5:30 AM	0	36	603	103042
8/10/19 6:00 AM	0	36	603	103042
8/10/19 6:30 AM	0	36	603	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/10/19 7:00 AM	0	36	603	103042
8/10/19 7:30 AM	0	36	603	103042
8/10/19 8:00 AM	0	36	603	103042
8/10/19 8:30 AM	0	36	603	103042
8/10/19 9:00 AM	0	36	603	103042
8/10/19 9:30 AM	0	36	603	103042
8/10/19 10:00 AM	0	36	603	103042
8/10/19 10:30 AM	0	36	603	103042
8/10/19 11:00 AM	0	36	603	103042
8/10/19 11:30 AM	0	37	603	103042
8/10/19 12:00 PM	0	37	603	103042
8/10/19 12:30 PM	0	37	603	103042
8/10/19 1:00 PM	0	37	603	103042
8/10/19 1:30 PM	0	37	603	103042
8/10/19 2:00 PM	0	37	603	103042
8/10/19 2:30 PM	0	37	602	103042
8/10/19 3:00 PM	0	37	602	103042
8/10/19 3:30 PM	0	37	602	103042
8/10/19 4:00 PM	0	37	602	103042
8/10/19 4:30 PM	0	37	602	103042
8/10/19 5:00 PM	0	37	603	103042
8/10/19 5:30 PM	0	37	602	103042
8/10/19 6:00 PM	0	37	602	103042
8/10/19 6:30 PM	0	37	602	103042
8/10/19 7:00 PM	0	37	602	103042
8/10/19 7:30 PM	0	37	603	103042
8/10/19 8:00 PM	0	37	603	103042
8/10/19 8:30 PM	0	37	603	103042
8/10/19 9:00 PM	0	37	602	103042
8/10/19 9:30 PM	0	37	602	103042
8/10/19 10:00 PM	0	37	602	103042
8/10/19 10:30 PM	0	37	602	103042
8/10/19 11:00 PM	0	37	602	103042
8/10/19 11:30 PM	0	37	602	103042
8/11/19 12:00 AM	0	37	602	103042
8/11/19 12:30 AM	0	37	602	103042
8/11/19 1:00 AM	0	37	602	103042
8/11/19 1:30 AM	0	37	602	103042
8/11/19 2:00 AM	0	37	602	103042
8/11/19 2:30 AM	0	37	602	103042
8/11/19 3:00 AM	0	36	602	103042
8/11/19 3:30 AM	0	36	602	103042
8/11/19 4:00 AM	0	36	602	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/11/19 4:30 AM	0	36	602	103042
8/11/19 5:00 AM	0	36	602	103042
8/11/19 5:30 AM	0	36	602	103042
8/11/19 6:00 AM	0	36	602	103042
8/11/19 6:30 AM	0	36	602	103042
8/11/19 7:00 AM	0	36	602	103042
8/11/19 7:30 AM	0	36	602	103042
8/11/19 8:00 AM	0	36	602	103042
8/11/19 8:30 AM	0	36	602	103042
8/11/19 9:00 AM	0	36	602	103042
8/11/19 9:30 AM	0	36	602	103042
8/11/19 10:00 AM	0	36	602	103042
8/11/19 10:30 AM	0	36	602	103042
8/11/19 11:00 AM	0	37	602	103042
8/11/19 11:30 AM	0	37	602	103042
8/11/19 12:00 PM	0	37	602	103042
8/11/19 12:30 PM	0	37	602	103042
8/11/19 1:00 PM	0	37	602	103042
8/11/19 1:30 PM	0	37	602	103042
8/11/19 2:00 PM	0	37	602	103042
8/11/19 2:30 PM	0	37	601	103042
8/11/19 3:00 PM	0	37	601	103042
8/11/19 3:30 PM	0	37	602	103042
8/11/19 4:00 PM	0	37	601	103042
8/11/19 4:30 PM	0	37	601	103042
8/11/19 5:00 PM	0	37	601	103042
8/11/19 5:30 PM	0	38	601	103042
8/11/19 6:00 PM	0	38	602	103042
8/11/19 6:30 PM	0	38	601	103042
8/11/19 7:00 PM	0	38	601	103042
8/11/19 7:30 PM	0	38	601	103042
8/11/19 8:00 PM	0	38	601	103042
8/11/19 8:30 PM	0	38	601	103042
8/11/19 9:00 PM	0	38	601	103042
8/11/19 9:30 PM	0	38	601	103042
8/11/19 10:00 PM	0	38	601	103042
8/11/19 10:30 PM	0	37	601	103042
8/11/19 11:00 PM	0	37	601	103042
8/11/19 11:30 PM	0	37	601	103042
8/12/19 12:00 AM	0	37	601	103042
8/12/19 12:30 AM	0	37	601	103042
8/12/19 1:00 AM	0	37	601	103042
8/12/19 1:30 AM	0	37	601	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/12/19 2:00 AM	0	37	601	103042
8/12/19 2:30 AM	0	37	601	103042
8/12/19 3:00 AM	0	37	601	103042
8/12/19 3:30 AM	0	37	601	103042
8/12/19 4:00 AM	0	37	601	103042
8/12/19 4:30 AM	0	37	601	103042
8/12/19 5:00 AM	0	37	601	103042
8/12/19 5:30 AM	0	37	601	103042
8/12/19 6:00 AM	0	37	601	103042
8/12/19 6:30 AM	0	37	601	103042
8/12/19 7:00 AM	0	37	601	103042
8/12/19 7:30 AM	0	37	601	103042
8/12/19 8:00 AM	0	37	601	103042
8/12/19 8:30 AM	0	37	601	103042
8/12/19 9:00 AM	0	37	601	103042
8/12/19 9:30 AM	0	37	601	103042
8/12/19 10:00 AM	0	37	601	103042
8/12/19 10:30 AM	0	37	601	103042
8/12/19 11:00 AM	0	37	601	103042
8/12/19 11:30 AM	0	37	601	103042
8/12/19 12:00 PM	0	37	601	103042
8/12/19 12:30 PM	0	37	600	103042
8/12/19 1:00 PM	0	37	600	103042
8/12/19 1:30 PM	0	37	600	103042
8/12/19 2:00 PM	0	38	600	103042
8/12/19 2:30 PM	0	38	600	103042
8/12/19 3:00 PM	0	38	600	103042
8/12/19 3:30 PM	0	38	600	103042
8/12/19 4:00 PM	0	38	600	103042
8/12/19 4:30 PM	0	38	600	103042
8/12/19 5:00 PM	0	38	600	103042
8/12/19 5:30 PM	0	38	600	103042
8/12/19 6:00 PM	0	38	600	103042
8/12/19 6:30 PM	0	38	600	103042
8/12/19 7:00 PM	0	38	600	103042
8/12/19 7:30 PM	0	38	600	103042
8/12/19 8:00 PM	0	38	600	103042
8/12/19 8:30 PM	0	38	600	103042
8/12/19 9:00 PM	0	38	600	103042
8/12/19 9:30 PM	0	38	600	103042
8/12/19 10:00 PM	0	38	600	103042
8/12/19 10:30 PM	0	38	600	103042
8/12/19 11:00 PM	0	38	600	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/12/19 11:30 PM	0	38	600	103042
8/13/19 12:00 AM	0	38	600	103042
8/13/19 12:30 AM	0	38	600	103042
8/13/19 1:00 AM	0	37	600	103042
8/13/19 1:30 AM	0	37	600	103042
8/13/19 2:00 AM	0	37	600	103042
8/13/19 2:30 AM	0	37	600	103042
8/13/19 3:00 AM	0	37	600	103042
8/13/19 3:30 AM	0	37	600	103042
8/13/19 4:00 AM	0	37	600	103042
8/13/19 4:30 AM	0	37	600	103042
8/13/19 5:00 AM	0	37	600	103042
8/13/19 5:30 AM	0	37	600	103042
8/13/19 6:00 AM	0	37	600	103042
8/13/19 6:30 AM	0	37	600	103042
8/13/19 7:00 AM	0	37	600	103042
8/13/19 7:30 AM	0	37	600	103042
8/13/19 8:00 AM	0	37	600	103042
8/13/19 8:30 AM	0	37	600	103042
8/13/19 9:00 AM	0	37	600	103042
8/13/19 9:30 AM	0	37	600	103042
8/13/19 10:00 AM	0	37	600	103042
8/13/19 10:30 AM	0	37	600	103042
8/13/19 11:00 AM	0	37	600	103042
8/13/19 11:30 AM	0	37	600	103042
8/13/19 12:00 PM	0	38	599	103042
8/13/19 12:30 PM	0	38	599	103042
8/13/19 1:00 PM	0	38	599	103042
8/13/19 1:30 PM	0	38	599	103042
8/13/19 2:00 PM	0	38	599	103042
8/13/19 2:30 PM	0	38	599	103042
8/13/19 3:00 PM	0	38	599	103042
8/13/19 3:30 PM	0	38	599	103042
8/13/19 4:00 PM	0	38	599	103042
8/13/19 4:30 PM	0	38	599	103042
8/13/19 5:00 PM	0	38	599	103042
8/13/19 5:30 PM	0	38	599	103042
8/13/19 6:00 PM	0	38	599	103042
8/13/19 6:30 PM	0	38	599	103042
8/13/19 7:00 PM	0	38	599	103042
8/13/19 7:30 PM	0	38	599	103042
8/13/19 8:00 PM	0	38	599	103042
8/13/19 8:30 PM	0	38	599	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/13/19 9:00 PM	0	38	599	103042
8/13/19 9:30 PM	0	38	599	103042
8/13/19 10:00 PM	0	38	599	103042
8/13/19 10:30 PM	0	38	599	103042
8/13/19 11:00 PM	0	38	599	103042
8/13/19 11:30 PM	0	38	599	103042
8/14/19 12:00 AM	0	38	599	103042
8/14/19 12:30 AM	0	38	599	103042
8/14/19 1:00 AM	0	38	599	103042
8/14/19 1:30 AM	0	38	599	103042
8/14/19 2:00 AM	0	38	599	103042
8/14/19 2:30 AM	0	38	599	103042
8/14/19 3:00 AM	0	38	599	103042
8/14/19 3:30 AM	0	38	599	103042
8/14/19 4:00 AM	0	38	599	103042
8/14/19 4:30 AM	0	38	599	103042
8/14/19 5:00 AM	0	38	599	103042
8/14/19 5:30 AM	0	38	599	103042
8/14/19 6:00 AM	0	37	599	103042
8/14/19 6:30 AM	0	37	599	103042
8/14/19 7:00 AM	0	37	599	103042
8/14/19 7:30 AM	0	37	599	103042
8/14/19 8:00 AM	0	37	599	103042
8/14/19 8:30 AM	0	37	599	103042
8/14/19 9:00 AM	0	37	599	103042
8/14/19 9:30 AM	0	37	599	103042
8/14/19 10:00 AM	0	38	599	103042
8/14/19 10:30 AM	0	38	599	103042
8/14/19 11:00 AM	0	38	599	103042
8/14/19 11:30 AM	0	38	599	103042
8/14/19 12:00 PM	0	38	598	103042
8/14/19 12:30 PM	0	38	599	103042
8/14/19 1:00 PM	0	38	599	103042
8/14/19 1:30 PM	0	38	598	103042
8/14/19 2:00 PM	0	38	598	103042
8/14/19 2:30 PM	0	38	598	103042
8/14/19 3:00 PM	0	38	598	103042
8/14/19 3:30 PM	0	38	598	103042
8/14/19 4:00 PM	0	39	598	103042
8/14/19 4:30 PM	0	39	598	103042
8/14/19 5:00 PM	0	39	598	103042
8/14/19 5:30 PM	0	39	598	103042
8/14/19 6:00 PM	0	39	598	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/14/19 6:30 PM	0	39	598	103042
8/14/19 7:00 PM	0	39	598	103042
8/14/19 7:30 PM	0	39	598	103042
8/14/19 8:00 PM	0	39	598	103042
8/14/19 8:30 PM	0	39	598	103042
8/14/19 9:00 PM	0	39	598	103042
8/14/19 9:30 PM	0	39	598	103042
8/14/19 10:00 PM	0	39	598	103042
8/14/19 10:30 PM	0	38	598	103042
8/14/19 11:00 PM	0	38	598	103042
8/14/19 11:30 PM	0	38	598	103042
8/15/19 12:00 AM	0	38	598	103042
8/15/19 12:30 AM	0	38	598	103042
8/15/19 1:00 AM	0	38	598	103042
8/15/19 1:30 AM	0	38	598	103042
8/15/19 2:00 AM	0	38	598	103042
8/15/19 2:30 AM	0	38	598	103042
8/15/19 3:00 AM	0	38	598	103042
8/15/19 3:30 AM	0	38	598	103042
8/15/19 4:00 AM	0	38	598	103042
8/15/19 4:30 AM	0	38	598	103042
8/15/19 5:00 AM	0	38	598	103042
8/15/19 5:30 AM	0	38	598	103042
8/15/19 6:00 AM	0	38	598	103042
8/15/19 6:30 AM	0	38	598	103042
8/15/19 7:00 AM	0	38	598	103042
8/15/19 7:30 AM	0	38	598	103042
8/15/19 8:00 AM	0	38	598	103042
8/15/19 8:30 AM	0	38	598	103042
8/15/19 9:00 AM	0	38	598	103042
8/15/19 9:30 AM	0	38	598	103042
8/15/19 10:00 AM	0	38	598	103042
8/15/19 10:30 AM	0	38	598	103042
8/15/19 11:00 AM	0	38	598	103042
8/15/19 11:30 AM	0	38	598	103042
8/15/19 12:00 PM	0	38	598	103042
8/15/19 12:30 PM	0	38	598	103042
8/15/19 1:00 PM	0	38	598	103042
8/15/19 1:30 PM	0	38	597	103042
8/15/19 2:00 PM	0	38	597	103042
8/15/19 2:30 PM	0	38	597	103042
8/15/19 3:00 PM	0	39	597	103042
8/15/19 3:30 PM	0	39	597	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/15/19 4:00 PM	0	39	597	103042
8/15/19 4:30 PM	0	39	597	103042
8/15/19 5:00 PM	0	39	597	103042
8/15/19 5:30 PM	0	39	597	103042
8/15/19 6:00 PM	0	39	597	103042
8/15/19 6:30 PM	0	39	597	103042
8/15/19 7:00 PM	0	39	597	103042
8/15/19 7:30 PM	0	39	597	103042
8/15/19 8:00 PM	0	39	597	103042
8/15/19 8:30 PM	0	39	597	103042
8/15/19 9:00 PM	0	39	597	103042
8/15/19 9:30 PM	0	39	597	103042
8/15/19 10:00 PM	0	39	597	103042
8/15/19 10:30 PM	0	39	597	103042
8/15/19 11:00 PM	0	39	597	103042
8/15/19 11:30 PM	0	39	597	103042
8/16/19 12:00 AM	0	39	597	103042
8/16/19 12:30 AM	0	39	597	103042
8/16/19 1:00 AM	0	39	597	103042
8/16/19 1:30 AM	0	39	597	103042
8/16/19 2:00 AM	0	39	597	103042
8/16/19 2:30 AM	0	39	597	103042
8/16/19 3:00 AM	0	39	597	103042
8/16/19 3:30 AM	0	39	597	103042
8/16/19 4:00 AM	0	39	597	103042
8/16/19 4:30 AM	0	39	597	103042
8/16/19 5:00 AM	0	38	597	103042
8/16/19 5:30 AM	0	38	597	103042
8/16/19 6:00 AM	0	38	597	103042
8/16/19 6:30 AM	0	38	597	103042
8/16/19 7:00 AM	0	38	597	103042
8/16/19 7:30 AM	0	38	597	103042
8/16/19 8:00 AM	0	38	597	103042
8/16/19 8:30 AM	0	38	597	103042
8/16/19 9:00 AM	0	38	597	103042
8/16/19 9:30 AM	0	38	597	103042
8/16/19 10:00 AM	0	39	597	103042
8/16/19 10:30 AM	0	39	597	103042
8/16/19 11:00 AM	0	39	597	103042
8/16/19 11:30 AM	0	39	597	103042
8/16/19 12:00 PM	0	39	596	103042
8/16/19 12:30 PM	0	39	596	103042
8/16/19 1:00 PM	0	39	596	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/16/19 1:30 PM	0	39	596	103042
8/16/19 2:00 PM	0	39	596	103042
8/16/19 2:30 PM	0	39	596	103042
8/16/19 3:00 PM	0	39	596	103042
8/16/19 3:30 PM	0	39	596	103042
8/16/19 4:00 PM	0	39	596	103042
8/16/19 4:30 PM	0	39	596	103042
8/16/19 5:00 PM	0	39	596	103042
8/16/19 5:30 PM	0	39	596	103042
8/16/19 6:00 PM	0	39	596	103042
8/16/19 6:30 PM	0	39	596	103042
8/16/19 7:00 PM	0	39	596	103042
8/16/19 7:30 PM	0	39	596	103042
8/16/19 8:00 PM	0	39	596	103042
8/16/19 8:30 PM	0	39	596	103042
8/16/19 9:00 PM	0	39	596	103042
8/16/19 9:30 PM	0	39	596	103042
8/16/19 10:00 PM	0	39	596	103042
8/16/19 10:30 PM	0	39	596	103042
8/16/19 11:00 PM	0	39	596	103042
8/16/19 11:30 PM	0	39	596	103042
8/17/19 12:00 AM	0	39	596	103042
8/17/19 12:30 AM	0	39	596	103042
8/17/19 1:00 AM	0	39	596	103042
8/17/19 1:30 AM	0	39	596	103042
8/17/19 2:00 AM	0	39	596	103042
8/17/19 2:30 AM	0	39	596	103042
8/17/19 3:00 AM	0	39	596	103042
8/17/19 3:30 AM	0	39	596	103042
8/17/19 4:00 AM	0	39	596	103042
8/17/19 4:30 AM	0	39	596	103042
8/17/19 5:00 AM	0	39	596	103042
8/17/19 5:30 AM	0	39	596	103042
8/17/19 6:00 AM	0	39	596	103042
8/17/19 6:30 AM	0	39	596	103042
8/17/19 7:00 AM	0	39	596	103042
8/17/19 7:30 AM	0	39	596	103042
8/17/19 8:00 AM	0	39	596	103042
8/17/19 8:30 AM	0	39	596	103042
8/17/19 9:00 AM	0	39	596	103042
8/17/19 9:30 AM	0	39	596	103042
8/17/19 10:00 AM	0	39	596	103042
8/17/19 10:30 AM	0	39	596	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/17/19 11:00 AM	0	39	596	103042
8/17/19 11:30 AM	0	39	595	103042
8/17/19 12:00 PM	0	39	595	103042
8/17/19 12:30 PM	0	39	595	103042
8/17/19 1:00 PM	0	39	595	103042
8/17/19 1:30 PM	0	39	595	103042
8/17/19 2:00 PM	0	39	595	103042
8/17/19 2:30 PM	0	39	595	103042
8/17/19 3:00 PM	0	40	595	103042
8/17/19 3:30 PM	0	40	595	103042
8/17/19 4:00 PM	0	40	595	103042
8/17/19 4:30 PM	0	40	595	103042
8/17/19 5:00 PM	0	40	595	103042
8/17/19 5:30 PM	0	40	595	103042
8/17/19 6:00 PM	0	40	595	103042
8/17/19 6:30 PM	0	40	595	103042
8/17/19 7:00 PM	0	40	595	103042
8/17/19 7:30 PM	0	40	595	103042
8/17/19 8:00 PM	0	40	595	103042
8/17/19 8:30 PM	0	40	595	103042
8/17/19 9:00 PM	0	40	595	103042
8/17/19 9:30 PM	0	40	595	103042
8/17/19 10:00 PM	0	40	595	103042
8/17/19 10:30 PM	0	40	595	103042
8/17/19 11:00 PM	0	40	595	103042
8/17/19 11:30 PM	0	39	595	103042
8/18/19 12:00 AM	0	39	595	103042
8/18/19 12:30 AM	0	39	595	103042
8/18/19 1:00 AM	0	39	595	103042
8/18/19 1:30 AM	0	39	595	103042
8/18/19 2:00 AM	0	39	595	103042
8/18/19 2:30 AM	0	39	595	103042
8/18/19 3:00 AM	0	39	595	103042
8/18/19 3:30 AM	0	39	595	103042
8/18/19 4:00 AM	0	39	595	103042
8/18/19 4:30 AM	0	39	595	103042
8/18/19 5:00 AM	0	39	595	103042
8/18/19 5:30 AM	0	39	595	103042
8/18/19 6:00 AM	0	39	595	103042
8/18/19 6:30 AM	0	39	595	103042
8/18/19 7:00 AM	0	39	595	103042
8/18/19 7:30 AM	0	39	595	103042
8/18/19 8:00 AM	0	39	595	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/18/19 8:30 AM	0	39	595	103042
8/18/19 9:00 AM	0	39	595	103042
8/18/19 9:30 AM	0	39	595	103042
8/18/19 10:00 AM	0	39	594	103042
8/18/19 10:30 AM	0	39	595	103042
8/18/19 11:00 AM	0	39	595	103042
8/18/19 11:30 AM	0	39	595	103042
8/18/19 12:00 PM	0	39	594	103042
8/18/19 12:30 PM	0	39	594	103042
8/18/19 1:00 PM	0	40	594	103042
8/18/19 1:30 PM	0	40	594	103042
8/18/19 2:00 PM	0	40	594	103042
8/18/19 2:30 PM	0	40	594	103042
8/18/19 3:00 PM	0	40	594	103042
8/18/19 3:30 PM	0	40	594	103042
8/18/19 4:00 PM	0	40	594	103042
8/18/19 4:30 PM	0	40	594	103042
8/18/19 5:00 PM	0	40	594	103042
8/18/19 5:30 PM	0	40	594	103042
8/18/19 6:00 PM	0	40	594	103042
8/18/19 6:30 PM	0	40	594	103042
8/18/19 7:00 PM	0	40	594	103042
8/18/19 7:30 PM	0	40	594	103042
8/18/19 8:00 PM	0	40	594	103042
8/18/19 8:30 PM	0	40	594	103042
8/18/19 9:00 PM	0	40	594	103042
8/18/19 9:30 PM	0	40	594	103042
8/18/19 10:00 PM	0	40	594	103042
8/18/19 10:30 PM	0	40	594	103042
8/18/19 11:00 PM	0	40	594	103042
8/18/19 11:30 PM	0	40	594	103042
8/19/19 12:00 AM	0	40	594	103042
8/19/19 12:30 AM	0	40	594	103042
8/19/19 1:00 AM	0	40	594	103042
8/19/19 1:30 AM	0	40	594	103042
8/19/19 2:00 AM	0	40	594	103042
8/19/19 2:30 AM	0	40	594	103042
8/19/19 3:00 AM	0	40	594	103042
8/19/19 3:30 AM	0	39	594	103042
8/19/19 4:00 AM	0	39	594	103042
8/19/19 4:30 AM	0	39	594	103042
8/19/19 5:00 AM	0	39	594	103042
8/19/19 5:30 AM	0	39	594	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/19/19 6:00 AM	0	39	594	103042
8/19/19 6:30 AM	0	39	594	103042
8/19/19 7:00 AM	0	39	594	103042
8/19/19 7:30 AM	0	39	594	103042
8/19/19 8:00 AM	0	39	594	103042
8/19/19 8:30 AM	0	39	594	103042
8/19/19 9:00 AM	0	39	594	103042
8/19/19 9:30 AM	0	39	594	103042
8/19/19 10:00 AM	0	39	594	103042
8/19/19 10:30 AM	0	39	594	103042
8/19/19 11:00 AM	0	39	593	103042
8/19/19 11:30 AM	0	39	593	103042
8/19/19 12:00 PM	0	40	593	103042
8/19/19 12:30 PM	0	40	593	103042
8/19/19 1:00 PM	0	40	593	103042
8/19/19 1:30 PM	0	40	593	103042
8/19/19 2:00 PM	0	40	593	103042
8/19/19 2:30 PM	0	40	593	103042
8/19/19 3:00 PM	0	40	593	103042
8/19/19 3:30 PM	0	40	593	103042
8/19/19 4:00 PM	0	40	593	103042
8/19/19 4:30 PM	0	40	593	103042
8/19/19 5:00 PM	0	40	593	103042
8/19/19 5:30 PM	0	40	593	103042
8/19/19 6:00 PM	0	40	593	103042
8/19/19 6:30 PM	0	40	593	103042
8/19/19 7:00 PM	0	40	593	103042
8/19/19 7:30 PM	0	40	593	103042
8/19/19 8:00 PM	0	40	593	103042
8/19/19 8:30 PM	0	40	593	103042
8/19/19 9:00 PM	0	40	593	103042
8/19/19 9:30 PM	0	40	593	103042
8/19/19 10:00 PM	0	40	593	103042
8/19/19 10:30 PM	0	40	593	103042
8/19/19 11:00 PM	0	40	593	103042
8/19/19 11:30 PM	0	40	593	103042
8/20/19 12:00 AM	0	40	593	103042
8/20/19 12:30 AM	0	40	593	103042
8/20/19 1:00 AM	0	40	593	103042
8/20/19 1:30 AM	0	40	593	103042
8/20/19 2:00 AM	0	40	593	103042
8/20/19 2:30 AM	0	40	593	103042
8/20/19 3:00 AM	0	40	593	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/20/19 3:30 AM	0	40	593	103042
8/20/19 4:00 AM	0	40	593	103042
8/20/19 4:30 AM	0	40	593	103042
8/20/19 5:00 AM	0	40	593	103042
8/20/19 5:30 AM	0	40	593	103042
8/20/19 6:00 AM	0	39	593	103042
8/20/19 6:30 AM	0	39	593	103042
8/20/19 7:00 AM	0	39	593	103042
8/20/19 7:30 AM	0	39	593	103042
8/20/19 8:00 AM	0	39	593	103042
8/20/19 8:30 AM	0	39	593	103042
8/20/19 9:00 AM	0	39	593	103042
8/20/19 9:30 AM	0	39	593	103042
8/20/19 10:00 AM	0	39	593	103042
8/20/19 10:30 AM	0	40	593	103042
8/20/19 11:00 AM	0	40	593	103042
8/20/19 11:30 AM	0	40	592	103042
8/20/19 12:00 PM	0	40	592	103042
8/20/19 12:30 PM	0	40	592	103042
8/20/19 1:00 PM	0	40	592	103042
8/20/19 1:30 PM	0	40	592	103042
8/20/19 2:00 PM	0	40	592	103042
8/20/19 2:30 PM	0	40	592	103042
8/20/19 3:00 PM	0	40	592	103042
8/20/19 3:30 PM	0	40	592	103042
8/20/19 4:00 PM	0	40	592	103042
8/20/19 4:30 PM	0	40	592	103042
8/20/19 5:00 PM	0	40	592	103042
8/20/19 5:30 PM	0	40	592	103042
8/20/19 6:00 PM	0	41	592	103042
8/20/19 6:30 PM	0	41	592	103042
8/20/19 7:00 PM	0	41	592	103042
8/20/19 7:30 PM	0	41	592	103042
8/20/19 8:00 PM	0	41	592	103042
8/20/19 8:30 PM	0	41	592	103042
8/20/19 9:00 PM	0	40	592	103042
8/20/19 9:30 PM	0	40	592	103042
8/20/19 10:00 PM	0	40	592	103042
8/20/19 10:30 PM	0	40	592	103042
8/20/19 11:00 PM	0	40	592	103042
8/20/19 11:30 PM	0	40	592	103042
8/21/19 12:00 AM	0	40	592	103042
8/21/19 12:30 AM	0	40	592	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/21/19 1:00 AM	0	40	592	103042
8/21/19 1:30 AM	0	40	592	103042
8/21/19 2:00 AM	0	40	592	103042
8/21/19 2:30 AM	0	40	592	103042
8/21/19 3:00 AM	0	40	592	103042
8/21/19 3:30 AM	0	40	592	103042
8/21/19 4:00 AM	0	40	592	103042
8/21/19 4:30 AM	0	40	592	103042
8/21/19 5:00 AM	0	40	592	103042
8/21/19 5:30 AM	0	40	592	103042
8/21/19 6:00 AM	0	40	592	103042
8/21/19 6:30 AM	0	40	592	103042
8/21/19 7:00 AM	0	40	592	103042
8/21/19 7:30 AM	0	40	592	103042
8/21/19 8:00 AM	0	40	592	103042
8/21/19 8:30 AM	0	40	592	103042
8/21/19 9:00 AM	0	40	592	103042
8/21/19 9:30 AM	0	40	592	103042
8/21/19 10:00 AM	0	40	591	103042
8/21/19 10:30 AM	0	40	592	103042
8/21/19 11:00 AM	0	40	592	103042
8/21/19 11:30 AM	0	40	592	103042
8/21/19 12:00 PM	0	40	591	103042
8/21/19 12:30 PM	0	40	591	103042
8/21/19 1:00 PM	0	40	591	103042
8/21/19 1:30 PM	0	40	591	103042
8/21/19 2:00 PM	0	41	591	103042
8/21/19 2:30 PM	0	41	591	103042
8/21/19 3:00 PM	0	41	591	103042
8/21/19 3:30 PM	0	41	592	103042
8/21/19 4:00 PM	0	41	591	103042
8/21/19 4:30 PM	0	41	591	103042
8/21/19 5:00 PM	0	41	591	103042
8/21/19 5:30 PM	0	41	591	103042
8/21/19 6:00 PM	0	41	591	103042
8/21/19 6:30 PM	0	41	591	103042
8/21/19 7:00 PM	0	41	591	103042
8/21/19 7:30 PM	0	41	591	103042
8/21/19 8:00 PM	0	41	591	103042
8/21/19 8:30 PM	0	41	591	103042
8/21/19 9:00 PM	0	40	591	103042
8/21/19 9:30 PM	0	40	591	103042
8/21/19 10:00 PM	0	40	591	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/21/19 10:30 PM	0	40	591	103042
8/21/19 11:00 PM	0	40	591	103042
8/21/19 11:30 PM	0	40	591	103042
8/22/19 12:00 AM	0	40	591	103042
8/22/19 12:30 AM	0	40	591	103042
8/22/19 1:00 AM	0	40	591	103042
8/22/19 1:30 AM	0	40	591	103042
8/22/19 2:00 AM	0	40	591	103042
8/22/19 2:30 AM	0	40	591	103042
8/22/19 3:00 AM	0	40	591	103042
8/22/19 3:30 AM	0	40	591	103042
8/22/19 4:00 AM	0	40	591	103042
8/22/19 4:30 AM	0	40	591	103042
8/22/19 5:00 AM	0	40	591	103042
8/22/19 5:30 AM	0	40	591	103042
8/22/19 6:00 AM	0	40	591	103042
8/22/19 6:30 AM	0	40	591	103042
8/22/19 7:00 AM	0	40	591	103042
8/22/19 7:30 AM	0	40	591	103042
8/22/19 8:00 AM	0	40	591	103042
8/22/19 8:30 AM	0	40	591	103042
8/22/19 9:00 AM	0	40	591	103042
8/22/19 9:30 AM	0	40	591	103042
8/22/19 10:00 AM	0	40	591	103042
8/22/19 10:30 AM	0	40	591	103042
8/22/19 11:00 AM	0	40	591	103042
8/22/19 11:30 AM	0	40	590	103042
8/22/19 12:00 PM	0	40	590	103042
8/22/19 12:30 PM	0	40	590	103042
8/22/19 1:00 PM	0	40	590	103042
8/22/19 1:30 PM	0	40	591	103042
8/22/19 2:00 PM	0	40	590	103042
8/22/19 2:30 PM	0	40	590	103042
8/22/19 3:00 PM	0	40	590	103042
8/22/19 3:30 PM	0	40	590	103042
8/22/19 4:00 PM	0	40	590	103042
8/22/19 4:30 PM	0	41	590	103042
8/22/19 5:00 PM	0	41	590	103042
8/22/19 5:30 PM	0	41	590	103042
8/22/19 6:00 PM	0	41	590	103042
8/22/19 6:30 PM	0	41	590	103042
8/22/19 7:00 PM	0	41	590	103042
8/22/19 7:30 PM	0	41	590	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/22/19 8:00 PM	0	41	590	103042
8/22/19 8:30 PM	0	41	590	103042
8/22/19 9:00 PM	0	41	590	103042
8/22/19 9:30 PM	0	41	590	103042
8/22/19 10:00 PM	0	41	590	103042
8/22/19 10:30 PM	0	41	590	103042
8/22/19 11:00 PM	0	41	590	103042
8/22/19 11:30 PM	0	41	590	103042
8/23/19 12:00 AM	0	41	590	103042
8/23/19 12:30 AM	0	40	590	103042
8/23/19 1:00 AM	0	40	590	103042
8/23/19 1:30 AM	0	40	590	103042
8/23/19 2:00 AM	0	40	590	103042
8/23/19 2:30 AM	0	40	590	103042
8/23/19 3:00 AM	0	40	590	103042
8/23/19 3:30 AM	0	40	590	103042
8/23/19 4:00 AM	0	40	590	103042
8/23/19 4:30 AM	0	40	590	103042
8/23/19 5:00 AM	0	40	590	103042
8/23/19 5:30 AM	0	40	590	103042
8/23/19 6:00 AM	0	40	590	103042
8/23/19 6:30 AM	0	40	590	103042
8/23/19 7:00 AM	0	40	590	103042
8/23/19 7:30 AM	0	40	590	103042
8/23/19 8:00 AM	0	40	590	103042
8/23/19 8:30 AM	0	40	590	103042
8/23/19 9:00 AM	0	40	590	103042
8/23/19 9:30 AM	0	40	590	103042
8/23/19 10:00 AM	0	40	590	103042
8/23/19 10:30 AM	0	40	590	103042
8/23/19 11:00 AM	0	40	590	103042
8/23/19 11:30 AM	0	41	590	103042
8/23/19 12:00 PM	0	41	590	103042
8/23/19 12:30 PM	0	41	589	103042
8/23/19 1:00 PM	0	41	589	103042
8/23/19 1:30 PM	0	41	589	103042
8/23/19 2:00 PM	0	41	589	103042
8/23/19 2:30 PM	0	41	589	103042
8/23/19 3:00 PM	0	41	589	103042
8/23/19 3:30 PM	0	41	589	103042
8/23/19 4:00 PM	0	41	589	103042
8/23/19 4:30 PM	0	41	589	103042
8/23/19 5:00 PM	0	41	589	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/23/19 5:30 PM	0	41	589	103042
8/23/19 6:00 PM	0	41	589	103042
8/23/19 6:30 PM	0	41	589	103042
8/23/19 7:00 PM	0	41	589	103042
8/23/19 7:30 PM	0	41	589	103042
8/23/19 8:00 PM	0	41	589	103042
8/23/19 8:30 PM	0	41	589	103042
8/23/19 9:00 PM	0	41	589	103042
8/23/19 9:30 PM	0	41	589	103042
8/23/19 10:00 PM	0	41	589	103042
8/23/19 10:30 PM	0	41	589	103042
8/23/19 11:00 PM	0	41	589	103042
8/23/19 11:30 PM	0	41	589	103042
8/24/19 12:00 AM	0	41	589	103042
8/24/19 12:30 AM	0	41	589	103042
8/24/19 1:00 AM	0	41	589	103042
8/24/19 1:30 AM	0	41	589	103042
8/24/19 2:00 AM	0	41	589	103042
8/24/19 2:30 AM	0	41	589	103042
8/24/19 3:00 AM	0	41	589	103042
8/24/19 3:30 AM	0	41	589	103042
8/24/19 4:00 AM	0	41	589	103042
8/24/19 4:30 AM	0	41	589	103042
8/24/19 5:00 AM	0	41	589	103042
8/24/19 5:30 AM	0	41	589	103042
8/24/19 6:00 AM	0	41	589	103042
8/24/19 6:30 AM	0	41	589	103042
8/24/19 7:00 AM	0	41	589	103042
8/24/19 7:30 AM	0	41	589	103042
8/24/19 8:00 AM	0	41	589	103042
8/24/19 8:30 AM	0	41	589	103042
8/24/19 9:00 AM	0	41	589	103042
8/24/19 9:30 AM	0	41	589	103042
8/24/19 10:00 AM	0	41	589	103042
8/24/19 10:30 AM	0	41	589	103042
8/24/19 11:00 AM	0	41	589	103042
8/24/19 11:30 AM	0	41	589	103042
8/24/19 12:00 PM	0	41	588	103042
8/24/19 12:30 PM	0	41	588	103042
8/24/19 1:00 PM	0	41	588	103042
8/24/19 1:30 PM	0	41	588	103042
8/24/19 2:00 PM	0	41	588	103042
8/24/19 2:30 PM	0	41	588	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/24/19 3:00 PM	0	41	588	103042
8/24/19 3:30 PM	0	41	588	103042
8/24/19 4:00 PM	0	41	588	103042
8/24/19 4:30 PM	0	42	588	103042
8/24/19 5:00 PM	0	42	588	103042
8/24/19 5:30 PM	0	42	588	103042
8/24/19 6:00 PM	0	42	588	103042
8/24/19 6:30 PM	0	42	588	103042
8/24/19 7:00 PM	0	42	588	103042
8/24/19 7:30 PM	0	42	588	103042
8/24/19 8:00 PM	0	42	588	103042
8/24/19 8:30 PM	0	42	588	103042
8/24/19 9:00 PM	0	42	588	103042
8/24/19 9:30 PM	0	42	588	103042
8/24/19 10:00 PM	0	42	588	103042
8/24/19 10:30 PM	0	41	588	103042
8/24/19 11:00 PM	0	41	588	103042
8/24/19 11:30 PM	0	41	588	103042
8/25/19 12:00 AM	0	41	588	103042
8/25/19 12:30 AM	0	41	588	103042
8/25/19 1:00 AM	0	41	588	103042
8/25/19 1:30 AM	0	41	588	103042
8/25/19 2:00 AM	0	41	588	103042
8/25/19 2:30 AM	0	41	588	103042
8/25/19 3:00 AM	0	41	588	103042
8/25/19 3:30 AM	0	41	588	103042
8/25/19 4:00 AM	0	41	588	103042
8/25/19 4:30 AM	0	41	588	103042
8/25/19 5:00 AM	0	41	588	103042
8/25/19 5:30 AM	0	41	588	103042
8/25/19 6:00 AM	0	41	588	103042
8/25/19 6:30 AM	0	41	588	103042
8/25/19 7:00 AM	0	41	588	103042
8/25/19 7:30 AM	0	41	588	103042
8/25/19 8:00 AM	0	41	588	103042
8/25/19 8:30 AM	0	41	588	103042
8/25/19 9:00 AM	0	41	588	103042
8/25/19 9:30 AM	0	41	588	103042
8/25/19 10:00 AM	0	41	588	103042
8/25/19 10:30 AM	0	41	588	103042
8/25/19 11:00 AM	0	41	588	103042
8/25/19 11:30 AM	0	41	588	103042
8/25/19 12:00 PM	0	41	588	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/25/19 12:30 PM	0	41	587	103042
8/25/19 1:00 PM	0	41	588	103042
8/25/19 1:30 PM	0	41	588	103042
8/25/19 2:00 PM	0	41	587	103042
8/25/19 2:30 PM	0	41	588	103042
8/25/19 3:00 PM	0	41	588	103042
8/25/19 3:30 PM	0	42	588	103042
8/25/19 4:00 PM	0	42	588	103042
8/25/19 4:30 PM	0	42	587	103042
8/25/19 5:00 PM	0	42	587	103042
8/25/19 5:30 PM	0	42	587	103042
8/25/19 6:00 PM	0	42	587	103042
8/25/19 6:30 PM	0	42	587	103042
8/25/19 7:00 PM	0	42	587	103042
8/25/19 7:30 PM	0	42	588	103042
8/25/19 8:00 PM	0	42	588	103042
8/25/19 8:30 PM	0	42	587	103042
8/25/19 9:00 PM	0	41	587	103042
8/25/19 9:30 PM	0	41	587	103042
8/25/19 10:00 PM	0	41	587	103042
8/25/19 10:30 PM	0	41	587	103042
8/25/19 11:00 PM	0	41	587	103042
8/25/19 11:30 PM	0	41	587	103042
8/26/19 12:00 AM	0	41	587	103042
8/26/19 12:30 AM	0	41	587	103042
8/26/19 1:00 AM	0	41	587	103042
8/26/19 1:30 AM	0	41	587	103042
8/26/19 2:00 AM	0	41	587	103042
8/26/19 2:30 AM	0	41	587	103042
8/26/19 3:00 AM	0	41	587	103042
8/26/19 3:30 AM	0	41	587	103042
8/26/19 4:00 AM	0	41	587	103042
8/26/19 4:30 AM	0	41	587	103042
8/26/19 5:00 AM	0	41	587	103042
8/26/19 5:30 AM	0	41	587	103042
8/26/19 6:00 AM	0	41	587	103042
8/26/19 6:30 AM	0	41	587	103042
8/26/19 7:00 AM	0	41	587	103042
8/26/19 7:30 AM	0	41	587	103042
8/26/19 8:00 AM	0	41	587	103042
8/26/19 8:30 AM	0	41	587	103042
8/26/19 9:00 AM	0	41	587	103042
8/26/19 9:30 AM	0	41	587	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/26/19 10:00 AM	0	41	587	103042
8/26/19 10:30 AM	0	41	587	103042
8/26/19 11:00 AM	0	41	587	103042
8/26/19 11:30 AM	0	41	587	103042
8/26/19 12:00 PM	0	41	587	103042
8/26/19 12:30 PM	0	41	587	103042
8/26/19 1:00 PM	0	41	587	103042
8/26/19 1:30 PM	0	42	586	103042
8/26/19 2:00 PM	0	42	586	103042
8/26/19 2:30 PM	0	42	586	103042
8/26/19 3:00 PM	0	42	587	103042
8/26/19 3:30 PM	0	42	587	103042
8/26/19 4:00 PM	0	42	586	103042
8/26/19 4:30 PM	0	42	586	103042
8/26/19 5:00 PM	0	42	586	103042
8/26/19 5:30 PM	0	42	587	103042
8/26/19 6:00 PM	0	42	587	103042
8/26/19 6:30 PM	0	42	586	103042
8/26/19 7:00 PM	0	42	586	103042
8/26/19 7:30 PM	0	42	586	103042
8/26/19 8:00 PM	0	42	586	103042
8/26/19 8:30 PM	0	42	586	103042
8/26/19 9:00 PM	0	42	587	103042
8/26/19 9:30 PM	0	42	586	103042
8/26/19 10:00 PM	0	42	586	103042
8/26/19 10:30 PM	0	42	586	103042
8/26/19 11:00 PM	0	42	586	103042
8/26/19 11:30 PM	0	42	586	103042
8/27/19 12:00 AM	0	42	586	103042
8/27/19 12:30 AM	0	42	586	103042
8/27/19 1:00 AM	0	42	586	103042
8/27/19 1:30 AM	0	42	586	103042
8/27/19 2:00 AM	0	42	586	103042
8/27/19 2:30 AM	0	42	586	103042
8/27/19 3:00 AM	0	42	586	103042
8/27/19 3:30 AM	0	42	586	103042
8/27/19 4:00 AM	0	42	586	103042
8/27/19 4:30 AM	0	42	586	103042
8/27/19 5:00 AM	0	42	586	103042
8/27/19 5:30 AM	0	42	586	103042
8/27/19 6:00 AM	0	42	586	103042
8/27/19 6:30 AM	0	42	586	103042
8/27/19 7:00 AM	0	41	586	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/27/19 7:30 AM	0	41	586	103042
8/27/19 8:00 AM	0	41	586	103042
8/27/19 8:30 AM	0	41	586	103042
8/27/19 9:00 AM	0	41	586	103042
8/27/19 9:30 AM	0	41	586	103042
8/27/19 10:00 AM	0	42	586	103042
8/27/19 10:30 AM	0	42	586	103042
8/27/19 11:00 AM	0	42	586	103042
8/27/19 11:30 AM	0	42	586	103042
8/27/19 12:00 PM	0	42	586	103042
8/27/19 12:30 PM	0	42	586	103042
8/27/19 1:00 PM	0	42	586	103042
8/27/19 1:30 PM	0	42	586	103042
8/27/19 2:00 PM	0	42	586	103042
8/27/19 2:30 PM	0	42	586	103042
8/27/19 3:00 PM	0	42	586	103042
8/27/19 3:30 PM	0	42	586	103042
8/27/19 4:00 PM	0	42	586	103042
8/27/19 4:30 PM	0	42	586	103042
8/27/19 5:00 PM	0	42	585	103042
8/27/19 5:30 PM	0	42	586	103042
8/27/19 6:00 PM	0	42	586	103042
8/27/19 6:30 PM	0	42	586	103042
8/27/19 7:00 PM	0	43	585	103042
8/27/19 7:30 PM	0	43	585	103042
8/27/19 8:00 PM	0	43	585	103042
8/27/19 8:30 PM	0	42	585	103042
8/27/19 9:00 PM	0	42	586	103042
8/27/19 9:30 PM	0	42	586	103042
8/27/19 10:00 PM	0	42	586	103042
8/27/19 10:30 PM	0	42	586	103042
8/27/19 11:00 PM	0	42	585	103042
8/27/19 11:30 PM	0	42	586	103042
8/28/19 12:00 AM	0	42	585	103042
8/28/19 12:30 AM	0	42	585	103042
8/28/19 1:00 AM	0	42	585	103042
8/28/19 1:30 AM	0	42	585	103042
8/28/19 2:00 AM	0	42	585	103042
8/28/19 2:30 AM	0	42	585	103042
8/28/19 3:00 AM	0	42	585	103042
8/28/19 3:30 AM	0	42	585	103042
8/28/19 4:00 AM	0	42	585	103042
8/28/19 4:30 AM	0	42	585	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/28/19 5:00 AM	0	42	585	103042
8/28/19 5:30 AM	0	42	585	103042
8/28/19 6:00 AM	0	42	585	103042
8/28/19 6:30 AM	0	42	585	103042
8/28/19 7:00 AM	0	42	585	103042
8/28/19 7:30 AM	0	42	585	103042
8/28/19 8:00 AM	0	42	586	103042
8/28/19 8:30 AM	0	42	586	103042
8/28/19 9:00 AM	0	42	585	103042
8/28/19 9:30 AM	0	42	585	103042
8/28/19 10:00 AM	0	42	585	103042
8/28/19 10:30 AM	0	42	585	103042
8/28/19 11:00 AM	0	42	585	103042
8/28/19 11:30 AM	0	42	585	103042
8/28/19 12:00 PM	0	42	585	103042
8/28/19 12:30 PM	0	42	585	103042
8/28/19 1:00 PM	0	42	585	103042
8/28/19 1:30 PM	0	42	585	103042
8/28/19 2:00 PM	0	42	585	103042
8/28/19 2:30 PM	0	42	585	103042
8/28/19 3:00 PM	0	42	585	103042
8/28/19 3:30 PM	0	42	585	103042
8/28/19 4:00 PM	0	42	585	103042
8/28/19 4:30 PM	0	43	585	103042
8/28/19 5:00 PM	0	43	585	103042
8/28/19 5:30 PM	0	43	585	103042
8/28/19 6:00 PM	0	43	585	103042
8/28/19 6:30 PM	0	43	585	103042
8/28/19 7:00 PM	0	43	585	103042
8/28/19 7:30 PM	0	43	584	103042
8/28/19 8:00 PM	0	43	584	103042
8/28/19 8:30 PM	0	43	585	103042
8/28/19 9:00 PM	0	43	585	103042
8/28/19 9:30 PM	0	43	585	103042
8/28/19 10:00 PM	0	43	585	103042
8/28/19 10:30 PM	0	42	585	103042
8/28/19 11:00 PM	0	42	585	103042
8/28/19 11:30 PM	0	42	585	103042
8/29/19 12:00 AM	0	42	585	103042
8/29/19 12:30 AM	0	42	585	103042
8/29/19 1:00 AM	0	42	585	103042
8/29/19 1:30 AM	0	42	585	103042
8/29/19 2:00 AM	0	42	584	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/29/19 2:30 AM	0	42	584	103042
8/29/19 3:00 AM	0	42	584	103042
8/29/19 3:30 AM	0	42	584	103042
8/29/19 4:00 AM	0	42	584	103042
8/29/19 4:30 AM	0	42	584	103042
8/29/19 5:00 AM	0	42	584	103042
8/29/19 5:30 AM	0	42	584	103042
8/29/19 6:00 AM	0	42	584	103042
8/29/19 6:30 AM	0	42	584	103042
8/29/19 7:00 AM	0	42	584	103042
8/29/19 7:30 AM	0	42	585	103042
8/29/19 8:00 AM	0	42	585	103042
8/29/19 8:30 AM	0	42	585	103042
8/29/19 9:00 AM	0	42	584	103042
8/29/19 9:30 AM	0	42	584	103042
8/29/19 10:00 AM	0	42	584	103042
8/29/19 10:30 AM	0	42	584	103042
8/29/19 11:00 AM	0	42	584	103042
8/29/19 11:30 AM	0	42	584	103042
8/29/19 12:00 PM	0	42	584	103042
8/29/19 12:30 PM	0	42	584	103042
8/29/19 1:00 PM	0	42	584	103042
8/29/19 1:30 PM	0	42	584	103042
8/29/19 2:00 PM	0	42	584	103042
8/29/19 2:30 PM	0	43	584	103042
8/29/19 3:00 PM	0	43	584	103042
8/29/19 3:30 PM	0	43	584	103042
8/29/19 4:00 PM	0	43	584	103042
8/29/19 4:30 PM	0	43	584	103042
8/29/19 5:00 PM	0	43	584	103042
8/29/19 5:30 PM	0	43	583	103042
8/29/19 6:00 PM	0	43	583	103042
8/29/19 6:30 PM	0	43	584	103042
8/29/19 7:00 PM	0	43	584	103042
8/29/19 7:30 PM	0	43	584	103042
8/29/19 8:00 PM	0	43	584	103042
8/29/19 8:30 PM	0	43	584	103042
8/29/19 9:00 PM	0	43	584	103042
8/29/19 9:30 PM	0	43	584	103042
8/29/19 10:00 PM	0	43	584	103042
8/29/19 10:30 PM	0	43	584	103042
8/29/19 11:00 PM	0	43	584	103042
8/29/19 11:30 PM	0	43	584	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/30/19 12:00 AM	0	43	584	103042
8/30/19 12:30 AM	0	43	584	103042
8/30/19 1:00 AM	0	42	584	103042
8/30/19 1:30 AM	0	42	584	103042
8/30/19 2:00 AM	0	42	584	103042
8/30/19 2:30 AM	0	42	584	103042
8/30/19 3:00 AM	0	42	584	103042
8/30/19 3:30 AM	0	42	584	103042
8/30/19 4:00 AM	0	42	583	103042
8/30/19 4:30 AM	0	42	584	103042
8/30/19 5:00 AM	0	42	583	103042
8/30/19 5:30 AM	0	42	583	103042
8/30/19 6:00 AM	0	42	583	103042
8/30/19 6:30 AM	0	42	583	103042
8/30/19 7:00 AM	0	42	583	103042
8/30/19 7:30 AM	0	42	584	103042
8/30/19 8:00 AM	0	42	584	103042
8/30/19 8:30 AM	0	42	584	103042
8/30/19 9:00 AM	0	42	584	103042
8/30/19 9:30 AM	0	42	583	103042
8/30/19 10:00 AM	0	42	583	103042
8/30/19 10:30 AM	0	42	583	103042
8/30/19 11:00 AM	0	42	583	103042
8/30/19 11:30 AM	0	42	583	103042
8/30/19 12:00 PM	0	42	583	103042
8/30/19 12:30 PM	0	42	583	103042
8/30/19 1:00 PM	0	43	583	103042
8/30/19 1:30 PM	0	43	583	103042
8/30/19 2:00 PM	0	43	583	103042
8/30/19 2:30 PM	0	43	583	103042
8/30/19 3:00 PM	0	43	583	103042
8/30/19 3:30 PM	0	43	583	103042
8/30/19 4:00 PM	0	43	583	103042
8/30/19 4:30 PM	0	43	583	103042
8/30/19 5:00 PM	0	43	583	103042
8/30/19 5:30 PM	0	43	583	103042
8/30/19 6:00 PM	0	43	583	103042
8/30/19 6:30 PM	0	43	583	103042
8/30/19 7:00 PM	0	43	583	103042
8/30/19 7:30 PM	0	43	583	103042
8/30/19 8:00 PM	0	43	583	103042
8/30/19 8:30 PM	0	43	583	103042
8/30/19 9:00 PM	0	43	583	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
8/30/19 9:30 PM	0	43	583	103042
8/30/19 10:00 PM	0	43	583	103042
8/30/19 10:30 PM	0	43	583	103042
8/30/19 11:00 PM	0	43	583	103042
8/30/19 11:30 PM	0	43	583	103042
8/31/19 12:00 AM	0	43	583	103042
8/31/19 12:30 AM	0	43	583	103042
8/31/19 1:00 AM	0	43	583	103042
8/31/19 1:30 AM	0	43	583	103042
8/31/19 2:00 AM	0	43	583	103042
8/31/19 2:30 AM	0	43	583	103042
8/31/19 3:00 AM	0	43	583	103042
8/31/19 3:30 AM	0	43	583	103042
8/31/19 4:00 AM	0	43	583	103042
8/31/19 4:30 AM	0	43	583	103042
8/31/19 5:00 AM	0	43	582	103042
8/31/19 5:30 AM	0	43	583	103042
8/31/19 6:00 AM	0	43	583	103042
8/31/19 6:30 AM	0	43	582	103042
8/31/19 7:00 AM	0	43	582	103042
8/31/19 7:30 AM	0	42	582	103042
8/31/19 8:00 AM	0	42	582	103042
8/31/19 8:30 AM	0	42	583	103042
8/31/19 9:00 AM	0	42	582	103042
8/31/19 9:30 AM	0	42	582	103042
8/31/19 10:00 AM	0	43	583	103042
8/31/19 10:30 AM	0	43	583	103042
8/31/19 11:00 AM	0	43	583	103042
8/31/19 11:30 AM	0	43	583	103042
8/31/19 12:00 PM	0	43	582	103042
8/31/19 12:30 PM	0	43	582	103042
8/31/19 1:00 PM	0	43	582	103042
8/31/19 1:30 PM	0	43	582	103042
8/31/19 2:00 PM	0	43	582	103042
8/31/19 2:30 PM	0	43	582	103042
8/31/19 3:00 PM	0	43	582	103042
8/31/19 3:30 PM	0	43	582	103042
8/31/19 4:00 PM	0	43	582	103042
8/31/19 4:30 PM	0	43	582	103042
8/31/19 5:00 PM	0	43	582	103042
8/31/19 5:30 PM	0	43	582	103042
8/31/19 6:00 PM	0	43	582	103042
8/31/19 6:30 PM	0	43	582	103042

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
8/31/19 7:00 PM	0	43	582	103042
8/31/19 7:30 PM	0	44	582	103042
8/31/19 8:00 PM	0	44	582	103042
8/31/19 8:30 PM	0	43	582	103042
8/31/19 9:00 PM	0	43	582	103042
8/31/19 9:30 PM	0	43	582	103042
8/31/19 10:00 PM	0	43	582	103042
8/31/19 10:30 PM	0	43	582	103042
8/31/19 11:00 PM	0	43	582	103042
8/31/19 11:30 PM	0	43	582	103042
9/1/19 12:00 AM	0	43	582	103042
9/1/18 12:30 AM	0	43	582	103042
9/1/18 1:00 AM	0	43	582	103042
9/1/18 1:30 AM	0	43	582	103042
9/1/18 2:00 AM	0	43	582	103042
9/1/18 2:30 AM	0	43	582	103042
9/1/18 3:00 AM	0	43	582	103042
9/1/18 3:30 AM	0	43	582	103042
9/1/18 4:00 AM	0	43	582	103042
9/1/18 4:30 AM	0	43	582	103042
9/1/18 5:00 AM	0	43	582	103042
9/1/18 5:30 AM	0	43	582	103042
9/1/18 6:00 AM	0	43	582	103042
9/1/18 6:30 AM	0	43	582	103042
9/1/18 7:00 AM	0	43	582	103042
9/1/18 7:30 AM	0	43	582	103042
9/1/18 8:00 AM	0	43	582	103042
9/1/18 8:30 AM	0	43	582	103042
9/1/18 9:00 AM	0	43	582	103042
9/1/18 9:30 AM	0	43	582	103042
9/1/18 10:00 AM	0	43	581	103042
9/1/18 10:30 AM	0	43	582	103042
9/1/18 11:00 AM	0	43	582	103042
9/1/18 11:30 AM	0	43	582	103042
9/1/18 12:00 PM	0	43	581	103042
9/1/18 12:30 PM	0	43	581	103042
9/1/18 1:00 PM	0	43	581	103042
9/1/18 1:30 PM	0	43	581	103042
9/1/18 2:00 PM	0	43	581	103042
9/1/18 2:30 PM	0	43	581	103042
9/1/18 3:00 PM	0	43	581	103042
9/1/18 3:30 PM	0	43	581	103042
9/1/18 4:00 PM	0	43	581	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/1/18 4:30 PM	0	43	581	103042
9/1/18 5:00 PM	0	43	581	103042
9/1/18 5:30 PM	0	43	581	103042
9/1/18 6:00 PM	0	43	581	103042
9/1/18 6:30 PM	0	43	581	103042
9/1/18 7:00 PM	0	43	581	103042
9/1/18 7:30 PM	0	43	581	103042
9/1/18 8:00 PM	0	43	581	103042
9/1/18 8:30 PM	0	43	581	103042
9/1/18 9:00 PM	0	43	581	103042
9/1/18 9:30 PM	0	43	581	103042
9/1/18 10:00 PM	0	43	581	103042
9/1/18 10:30 PM	0	43	581	103042
9/1/18 11:00 PM	0	43	581	103042
9/1/18 11:30 PM	0	43	581	103042
9/2/18 12:00 AM	0	43	581	103042
9/2/18 12:30 AM	0	43	581	103042
9/2/18 1:00 AM	0	43	581	103042
9/2/18 1:30 AM	0	43	581	103042
9/2/18 2:00 AM	0	43	581	103042
9/2/18 2:30 AM	0	43	581	103042
9/2/18 3:00 AM	0	43	581	103042
9/2/18 3:30 AM	0	43	581	103042
9/2/18 4:00 AM	0	43	581	103042
9/2/18 4:30 AM	0	43	581	103042
9/2/18 5:00 AM	0	43	581	103042
9/2/18 5:30 AM	0	43	581	103042
9/2/18 6:00 AM	0	43	581	103042
9/2/18 6:30 AM	0	43	581	103042
9/2/18 7:00 AM	0	43	581	103042
9/2/18 7:30 AM	0	43	581	103042
9/2/18 8:00 AM	0	43	581	103042
9/2/18 8:30 AM	0	43	581	103042
9/2/18 9:00 AM	0	43	581	103042
9/2/18 9:30 AM	0	43	581	103042
9/2/18 10:00 AM	0	43	581	103042
9/2/18 10:30 AM	0	43	581	103042
9/2/18 11:00 AM	0	43	581	103042
9/2/18 11:30 AM	0	43	581	103042
9/2/18 12:00 PM	0	43	581	103042
9/2/18 12:30 PM	0	43	580	103042
9/2/18 1:00 PM	0	43	580	103042
9/2/18 1:30 PM	0	43	580	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/2/18 2:00 PM	0	43	580	103042
9/2/18 2:30 PM	0	43	580	103042
9/2/18 3:00 PM	0	43	580	103042
9/2/18 3:30 PM	0	44	580	103042
9/2/18 4:00 PM	0	44	580	103042
9/2/18 4:30 PM	0	44	580	103042
9/2/18 5:00 PM	0	44	580	103042
9/2/18 5:30 PM	0	44	580	103042
9/2/18 6:00 PM	0	44	580	103042
9/2/18 6:30 PM	0	44	580	103042
9/2/18 7:00 PM	0	44	580	103042
9/2/18 7:30 PM	0	44	580	103042
9/2/18 8:00 PM	0	44	580	103042
9/2/18 8:30 PM	0	44	580	103042
9/2/18 9:00 PM	0	44	580	103042
9/2/18 9:30 PM	0	44	580	103042
9/2/18 10:00 PM	0	44	580	103042
9/2/18 10:30 PM	0	44	580	103042
9/2/18 11:00 PM	0	44	580	103042
9/2/18 11:30 PM	0	44	580	103042
9/3/18 12:00 AM	0	44	580	103042
9/3/18 12:30 AM	0	44	580	103042
9/3/18 1:00 AM	0	44	580	103042
9/3/18 1:30 AM	0	44	580	103042
9/3/18 2:00 AM	0	44	580	103042
9/3/18 2:30 AM	0	43	580	103042
9/3/18 3:00 AM	0	43	580	103042
9/3/18 3:30 AM	0	43	580	103042
9/3/18 4:00 AM	0	43	580	103042
9/3/18 4:30 AM	0	43	580	103042
9/3/18 5:00 AM	0	43	580	103042
9/3/18 5:30 AM	0	43	580	103042
9/3/18 6:00 AM	0	43	580	103042
9/3/18 6:30 AM	0	43	580	103042
9/3/18 7:00 AM	0	43	580	103042
9/3/18 7:30 AM	0	43	580	103042
9/3/18 8:00 AM	0	43	580	103042
9/3/18 8:30 AM	0	43	580	103042
9/3/18 9:00 AM	0	43	580	103042
9/3/18 9:30 AM	0	43	580	103042
9/3/18 10:00 AM	0	43	580	103042
9/3/18 10:30 AM	0	43	580	103042
9/3/18 11:00 AM	0	43	580	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/3/18 11:30 AM	0	43	580	103042
9/3/18 12:00 PM	0	44	580	103042
9/3/18 12:30 PM	0	44	580	103042
9/3/18 1:00 PM	0	44	580	103042
9/3/18 1:30 PM	0	44	579	103042
9/3/18 2:00 PM	0	44	580	103042
9/3/18 2:30 PM	0	44	579	103042
9/3/18 3:00 PM	0	44	580	103042
9/3/18 3:30 PM	0	44	580	103042
9/3/18 4:00 PM	0	44	580	103042
9/3/18 4:30 PM	0	44	580	103042
9/3/18 5:00 PM	0	44	580	103042
9/3/18 5:30 PM	0	44	579	103042
9/3/18 6:00 PM	0	44	579	103042
9/3/18 6:30 PM	0	44	579	103042
9/3/18 7:00 PM	0	44	579	103042
9/3/18 7:30 PM	0	44	579	103042
9/3/18 8:00 PM	0	44	579	103042
9/3/18 8:30 PM	0	44	579	103042
9/3/18 9:00 PM	0	44	579	103042
9/3/18 9:30 PM	0	44	579	103042
9/3/18 10:00 PM	0	44	579	103042
9/3/18 10:30 PM	0	44	579	103042
9/3/18 11:00 PM	0	44	579	103042
9/3/18 11:30 PM	0	44	579	103042
9/4/18 12:00 AM	0	44	579	103042
9/4/18 12:30 AM	0	44	579	103042
9/4/18 1:00 AM	0	44	579	103042
9/4/18 1:30 AM	0	44	579	103042
9/4/18 2:00 AM	0	44	579	103042
9/4/18 2:30 AM	0	44	579	103042
9/4/18 3:00 AM	0	44	579	103042
9/4/18 3:30 AM	0	44	579	103042
9/4/18 4:00 AM	0	44	579	103042
9/4/18 4:30 AM	0	44	579	103042
9/4/18 5:00 AM	0	44	579	103042
9/4/18 5:30 AM	0	44	579	103042
9/4/18 6:00 AM	0	44	579	103042
9/4/18 6:30 AM	0	44	579	103042
9/4/18 7:00 AM	0	44	579	103042
9/4/18 7:30 AM	0	44	579	103042
9/4/18 8:00 AM	0	44	579	103042
9/4/18 8:30 AM	0	44	579	103042

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/4/18 9:00 AM	0	44	579	103042
9/4/18 9:30 AM	0	44	579	103042
9/4/18 10:00 AM	0	44	579	103042
9/4/18 10:30 AM	0	44	579	103042
9/4/18 11:00 AM	0	44	579	103042
9/4/18 11:30 AM	0	44	579	103042
9/4/18 12:00 PM	0	44	579	103042
9/4/18 12:30 PM	0	44	579	103042
9/4/18 1:00 PM	0	44	579	103042
9/4/18 1:30 PM	0	44	579	103042
9/4/18 2:00 PM	0	44	579	103042
9/4/18 2:30 PM	0	44	579	103042
9/4/18 3:00 PM	0	44	579	103042
9/4/18 3:30 PM	0	44	579	103042
9/4/18 4:00 PM	0	44	579	103042
9/4/18 4:30 PM	0	44	579	103042
9/4/18 5:00 PM	0	44	579	103042
9/4/18 5:30 PM	0	44	579	103042
9/4/18 6:00 PM	0	44	578	103042
9/4/18 6:30 PM	0	44	578	103042
9/4/18 7:00 PM	0	44	578	103042
9/4/18 7:30 PM	0	44	578	103042
9/4/18 8:00 PM	0	44	579	103042
9/4/18 8:30 PM	0	44	579	103042
9/4/18 9:00 PM	0	44	579	103042
9/4/18 9:30 PM	0	44	579	103042
9/4/18 10:00 PM	0	44	579	103042
9/4/18 10:30 PM	0	44	579	103042
9/4/18 11:00 PM	0	44	579	103042
9/4/18 11:30 PM	0	44	579	103042
9/5/18 12:00 AM	0	44	579	103042
9/5/18 12:30 AM	0	44	579	103042
9/5/18 1:00 AM	0	44	578	103042
9/5/18 1:30 AM	0	44	579	103042
9/5/18 2:00 AM	0	44	578	103042
9/5/18 2:30 AM	0	44	578	103042
9/5/18 3:00 AM	0	44	578	103042
9/5/18 3:30 AM	0	44	578	103042
9/5/18 4:00 AM	0	44	578	103042
9/5/18 4:30 AM	0	44	578	103042
9/5/18 5:00 AM	0	44	578	103042
9/5/18 5:30 AM	0	44	578	103042
9/5/18 6:00 AM	0	44	578	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/5/18 6:30 AM	0	44	578	103042
9/5/18 7:00 AM	0	44	578	103042
9/5/18 7:30 AM	0	44	578	103042
9/5/18 8:00 AM	0	44	578	103042
9/5/18 8:30 AM	0	44	578	103042
9/5/18 9:00 AM	0	44	578	103042
9/5/18 9:30 AM	0	44	578	103042
9/5/18 10:00 AM	0	44	578	103042
9/5/18 10:30 AM	0	44	578	103042
9/5/18 11:00 AM	0	44	578	103042
9/5/18 11:30 AM	0	44	578	103042
9/5/18 12:00 PM	0	44	578	103042
9/5/18 12:30 PM	0	44	578	103042
9/5/18 1:00 PM	0	44	578	103042
9/5/18 1:30 PM	0	44	578	103042
9/5/18 2:00 PM	0	44	578	103042
9/5/18 2:30 PM	0	44	578	103042
9/5/18 3:00 PM	0	44	578	103042
9/5/18 3:30 PM	0	44	578	103042
9/5/18 4:00 PM	0	44	578	103042
9/5/18 4:30 PM	0	45	577	103042
9/5/18 5:00 PM	0	45	577	103042
9/5/18 5:30 PM	0	45	577	103042
9/5/18 6:00 PM	0	45	578	103042
9/5/18 6:30 PM	0	45	578	103042
9/5/18 7:00 PM	0	45	578	103042
9/5/18 7:30 PM	0	45	578	103042
9/5/18 8:00 PM	0	45	578	103042
9/5/18 8:30 PM	0	45	578	103042
9/5/18 9:00 PM	0	44	578	103042
9/5/18 9:30 PM	0	44	578	103042
9/5/18 10:00 PM	0	44	578	103042
9/5/18 10:30 PM	0	44	578	103042
9/5/18 11:00 PM	0	44	578	103042
9/5/18 11:30 PM	0	44	578	103042
9/6/18 12:00 AM	0	44	578	103042
9/6/18 12:30 AM	0	44	578	103042
9/6/18 1:00 AM	0	44	578	103042
9/6/18 1:30 AM	0	44	578	103042
9/6/18 2:00 AM	0	44	578	103042
9/6/18 2:30 AM	0	44	578	103042
9/6/18 3:00 AM	0	44	578	103042
9/6/18 3:30 AM	0	44	578	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/6/18 4:00 AM	0	44	577	103042
9/6/18 4:30 AM	0	44	577	103042
9/6/18 5:00 AM	0	44	578	103042
9/6/18 5:30 AM	0	44	577	103042
9/6/18 6:00 AM	0	44	577	103042
9/6/18 6:30 AM	0	44	577	103042
9/6/18 7:00 AM	0	44	577	103042
9/6/18 7:30 AM	0	44	577	103042
9/6/18 8:00 AM	0	44	577	103042
9/6/18 8:30 AM	0	44	578	103042
9/6/18 9:00 AM	0	44	578	103042
9/6/18 9:30 AM	0	44	577	103042
9/6/18 10:00 AM	0	44	577	103042
9/6/18 10:30 AM	0	44	578	103042
9/6/18 11:00 AM	0	44	577	103042
9/6/18 11:30 AM	0	44	577	103042
9/6/18 12:00 PM	0	44	577	103042
9/6/18 12:30 PM	0	44	577	103042
9/6/18 1:00 PM	0	44	577	103042
9/6/18 1:30 PM	0	44	577	103042
9/6/18 2:00 PM	0	45	577	103042
9/6/18 2:30 PM	0	45	577	103042
9/6/18 3:00 PM	0	45	577	103042
9/6/18 3:30 PM	0	45	577	103042
9/6/18 4:00 PM	0	45	577	103042
9/6/18 4:30 PM	0	45	577	103042
9/6/18 5:00 PM	0	45	576	103042
9/6/18 5:30 PM	0	45	577	103042
9/6/18 6:00 PM	0	45	577	103042
9/6/18 6:30 PM	0	45	577	103042
9/6/18 7:00 PM	0	45	577	103042
9/6/18 7:30 PM	0	45	577	103042
9/6/18 8:00 PM	0	45	577	103042
9/6/18 8:30 PM	0	45	577	103042
9/6/18 9:00 PM	0	45	577	103042
9/6/18 9:30 PM	0	45	577	103042
9/6/18 10:00 PM	0	45	577	103042
9/6/18 10:30 PM	0	45	577	103042
9/6/18 11:00 PM	0	45	577	103042
9/6/18 11:30 PM	0	45	577	103042
9/7/18 12:00 AM	0	45	577	103042
9/7/18 12:30 AM	0	45	577	103042
9/7/18 1:00 AM	0	45	577	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/7/18 1:30 AM	0	45	577	103042
9/7/18 2:00 AM	0	45	577	103042
9/7/18 2:30 AM	0	45	577	103042
9/7/18 3:00 AM	0	44	577	103042
9/7/18 3:30 AM	0	44	577	103042
9/7/18 4:00 AM	0	44	577	103042
9/7/18 4:30 AM	0	44	577	103042
9/7/18 5:00 AM	0	44	577	103042
9/7/18 5:30 AM	0	44	577	103042
9/7/18 6:00 AM	0	44	577	103042
9/7/18 6:30 AM	0	44	577	103042
9/7/18 7:00 AM	0	44	577	103042
9/7/18 7:30 AM	0	44	577	103042
9/7/18 8:00 AM	0	44	577	103042
9/7/18 8:30 AM	0	44	577	103042
9/7/18 9:00 AM	0	44	577	103042
9/7/18 9:30 AM	0	44	577	103042
9/7/18 10:00 AM	0	44	577	103042
9/7/18 10:30 AM	0	44	577	103042
9/7/18 11:00 AM	0	44	577	103042
9/7/18 11:30 AM	0	45	576	103042
9/7/18 12:00 PM	0	45	576	103042
9/7/18 12:30 PM	0	45	576	103042
9/7/18 1:00 PM	0	45	576	103042
9/7/18 1:30 PM	0	45	576	103042
9/7/18 2:00 PM	0	45	576	103042
9/7/18 2:30 PM	0	45	576	103042
9/7/18 3:00 PM	0	45	576	103042
9/7/18 3:30 PM	0	45	576	103042
9/7/18 4:00 PM	0	45	576	103042
9/7/18 4:30 PM	0	45	576	103042
9/7/18 5:00 PM	0	45	576	103042
9/7/18 5:30 PM	0	45	576	103042
9/7/18 6:00 PM	0	45	576	103042
9/7/18 6:30 PM	0	45	576	103042
9/7/18 7:00 PM	0	45	576	103042
9/7/18 7:30 PM	0	45	576	103042
9/7/18 8:00 PM	0	45	576	103042
9/7/18 8:30 PM	0	45	576	103042
9/7/18 9:00 PM	0	45	576	103042
9/7/18 9:30 PM	0	45	576	103042
9/7/18 10:00 PM	0	45	576	103042
9/7/18 10:30 PM	0	45	576	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/7/18 11:00 PM	0	45	576	103042
9/7/18 11:30 PM	0	45	576	103042
9/8/18 12:00 AM	0	45	576	103042
9/8/18 12:30 AM	0	45	576	103042
9/8/18 1:00 AM	0	45	576	103042
9/8/18 1:30 AM	0	45	576	103042
9/8/18 2:00 AM	0	45	576	103042
9/8/18 2:30 AM	0	45	576	103042
9/8/18 3:00 AM	0	45	576	103042
9/8/18 3:30 AM	0	45	576	103042
9/8/18 4:00 AM	0	45	576	103042
9/8/18 4:30 AM	0	45	576	103042
9/8/18 5:00 AM	0	45	576	103042
9/8/18 5:30 AM	0	45	576	103042
9/8/18 6:00 AM	0	45	576	103042
9/8/18 6:30 AM	0	45	576	103042
9/8/18 7:00 AM	0	45	576	103042
9/8/18 7:30 AM	0	45	576	103042
9/8/18 8:00 AM	0	45	576	103042
9/8/18 8:30 AM	0	45	576	103042
9/8/18 9:00 AM	0	45	576	103042
9/8/18 9:30 AM	0	45	576	103042
9/8/18 10:00 AM	0	45	576	103042
9/8/18 10:30 AM	0	45	576	103042
9/8/18 11:00 AM	0	45	576	103042
9/8/18 11:30 AM	0	45	576	103042
9/8/18 12:00 PM	0	45	576	103042
9/8/18 12:30 PM	0	45	576	103042
9/8/18 1:00 PM	0	45	576	103042
9/8/18 1:30 PM	0	45	575	103042
9/8/18 2:00 PM	0	45	575	103042
9/8/18 2:30 PM	0	45	575	103042
9/8/18 3:00 PM	0	45	575	103042
9/8/18 3:30 PM	0	45	575	103042
9/8/18 4:00 PM	0	46	575	103042
9/8/18 4:30 PM	0	46	575	103042
9/8/18 5:00 PM	0	46	575	103042
9/8/18 5:30 PM	0	46	575	103042
9/8/18 6:00 PM	0	46	575	103042
9/8/18 6:30 PM	0	46	575	103042
9/8/18 7:00 PM	0	46	575	103042
9/8/18 7:30 PM	0	46	575	103042
9/8/18 8:00 PM	0	46	575	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/8/18 8:30 PM	0	46	575	103042
9/8/18 9:00 PM	0	46	575	103042
9/8/18 9:30 PM	0	46	575	103042
9/8/18 10:00 PM	0	46	575	103042
9/8/18 10:30 PM	0	46	575	103042
9/8/18 11:00 PM	0	46	575	103042
9/8/18 11:30 PM	0	45	575	103042
9/9/18 12:00 AM	0	45	575	103042
9/9/18 12:30 AM	0	45	575	103042
9/9/18 1:00 AM	0	45	575	103042
9/9/18 1:30 AM	0	45	575	103042
9/9/18 2:00 AM	0	45	575	103042
9/9/18 2:30 AM	0	45	575	103042
9/9/18 3:00 AM	0	45	575	103042
9/9/18 3:30 AM	0	45	575	103042
9/9/18 4:00 AM	0	45	575	103042
9/9/18 4:30 AM	0	45	575	103042
9/9/18 5:00 AM	0	45	575	103042
9/9/18 5:30 AM	0	45	575	103042
9/9/18 6:00 AM	0	45	575	103042
9/9/18 6:30 AM	0	45	575	103042
9/9/18 7:00 AM	0	45	575	103042
9/9/18 7:30 AM	0	45	575	103042
9/9/18 8:00 AM	0	45	575	103042
9/9/18 8:30 AM	0	45	575	103042
9/9/18 9:00 AM	0	45	575	103042
9/9/18 9:30 AM	0	45	575	103042
9/9/18 10:00 AM	0	45	575	103042
9/9/18 10:30 AM	0	45	575	103042
9/9/18 11:00 AM	0	45	575	103042
9/9/18 11:30 AM	0	45	575	103042
9/9/18 12:00 PM	0	45	575	103042
9/9/18 12:30 PM	0	45	575	103042
9/9/18 1:00 PM	0	45	575	103042
9/9/18 1:30 PM	0	45	575	103042
9/9/18 2:00 PM	0	45	575	103042
9/9/18 2:30 PM	0	45	575	103042
9/9/18 3:00 PM	0	46	575	103042
9/9/18 3:30 PM	0	46	575	103042
9/9/18 4:00 PM	0	46	574	103042
9/9/18 4:30 PM	0	46	574	103042
9/9/18 5:00 PM	0	46	574	103042
9/9/18 5:30 PM	0	46	575	103042

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/9/18 6:00 PM	0	46	575	103042
9/9/18 6:30 PM	0	46	575	103042
9/9/18 7:00 PM	0	46	575	103042
9/9/18 7:30 PM	0	46	574	103042
9/9/18 8:00 PM	0	46	574	103042
9/9/18 8:30 PM	0	46	575	103042
9/9/18 9:00 PM	0	46	575	103042
9/9/18 9:30 PM	0	46	575	103042
9/9/18 10:00 PM	0	46	575	103042
9/9/18 10:30 PM	0	46	575	103042
9/9/18 11:00 PM	0	46	575	103042
9/9/18 11:30 PM	0	45	575	103042
9/10/18 12:00 AM	0	45	575	103042
9/10/18 12:30 AM	0	45	575	103042
9/10/18 1:00 AM	0	45	574	103042
9/10/18 1:30 AM	0	45	574	103042
9/10/18 2:00 AM	0	45	574	103042
9/10/18 2:30 AM	0	45	574	103042
9/10/18 3:00 AM	0	45	574	103042
9/10/18 3:30 AM	0	45	574	103042
9/10/18 4:00 AM	0	45	574	103042
9/10/18 4:30 AM	0	45	574	103042
9/10/18 5:00 AM	0	45	574	103042
9/10/18 5:30 AM	0	45	574	103042
9/10/18 6:00 AM	0	45	574	103042
9/10/18 6:30 AM	0	45	574	103042
9/10/18 7:00 AM	0	45	574	103042
9/10/18 7:30 AM	0	45	574	103042
9/10/18 8:00 AM	0	45	574	103042
9/10/18 8:30 AM	0	45	574	103042
9/10/18 9:00 AM	0	45	575	103042
9/10/18 9:30 AM	61	Bad	940	103071
9/10/18 10:00 AM	39	Bad	923	103105
9/10/18 10:30 AM	38	Bad	948	103133
9/10/18 11:00 AM	39	Bad	974	103162
9/10/18 11:30 AM	40	Bad	995	103190
9/10/18 12:00 PM	38	Bad	1009	103218
9/10/18 12:30 PM	38	Bad	1020	103246
9/10/18 1:00 PM	40	Bad	1030	103274
9/10/18 1:30 PM	39	Bad	1040	103301
9/10/18 2:00 PM	39	Bad	1048	103329
9/10/18 2:30 PM	39	Bad	1056	103357
9/10/18 3:00 PM	0	Bad	810	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/10/18 3:30 PM	0	Bad	755	103362
9/10/18 4:00 PM	0	Bad	726	103362
9/10/18 4:30 PM	0	Bad	707	103362
9/10/18 5:00 PM	0	Bad	694	103362
9/10/18 5:30 PM	0	Bad	683	103362
9/10/18 6:00 PM	0	Bad	675	103362
9/10/18 6:30 PM	0	Bad	668	103362
9/10/18 7:00 PM	0	Bad	662	103362
9/10/18 7:30 PM	0	Bad	657	103362
9/10/18 8:00 PM	0	Bad	653	103362
9/10/18 8:30 PM	0	Bad	649	103362
9/10/18 9:00 PM	0	Bad	646	103362
9/10/18 9:30 PM	0	Bad	643	103362
9/10/18 10:00 PM	0	Bad	640	103362
9/10/18 10:30 PM	0	Bad	638	103362
9/10/18 11:00 PM	0	Bad	636	103362
9/10/18 11:30 PM	0	Bad	634	103362
9/11/18 12:00 AM	0	Bad	632	103362
9/11/18 12:30 AM	0	Bad	630	103362
9/11/18 1:00 AM	0	Bad	628	103362
9/11/18 1:30 AM	0	Bad	627	103362
9/11/18 2:00 AM	0	-5	625	103362
9/11/18 2:30 AM	0	-5	624	103362
9/11/18 3:00 AM	0	-5	623	103362
9/11/18 3:30 AM	0	-4	622	103362
9/11/18 4:00 AM	0	-4	621	103362
9/11/18 4:30 AM	0	-4	620	103362
9/11/18 5:00 AM	0	-4	619	103362
9/11/18 5:30 AM	0	-3	618	103362
9/11/18 6:00 AM	0	-3	617	103362
9/11/18 6:30 AM	0	-3	616	103362
9/11/18 7:00 AM	0	-3	615	103362
9/11/18 7:30 AM	0	-3	615	103362
9/11/18 8:00 AM	0	-2	614	103362
9/11/18 8:30 AM	0	-2	613	103362
9/11/18 9:00 AM	0	-1	613	103362
9/11/18 9:30 AM	0	-1	612	103362
9/11/18 10:00 AM	0	-1	611	103362
9/11/18 10:30 AM	0	0	611	103362
9/11/18 11:00 AM	0	0	610	103362
9/11/18 11:30 AM	0	0	609	103362
9/11/18 12:00 PM	0	1	609	103362
9/11/18 12:30 PM	0	1	608	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/11/18 1:00 PM	0	1	608	103362
9/11/18 1:30 PM	0	2	607	103362
9/11/18 2:00 PM	0	2	607	103362
9/11/18 2:30 PM	0	2	606	103362
9/11/18 3:00 PM	0	3	606	103362
9/11/18 3:30 PM	0	3	605	103362
9/11/18 4:00 PM	0	4	605	103362
9/11/18 4:30 PM	0	4	605	103362
9/11/18 5:00 PM	0	4	605	103362
9/11/18 5:30 PM	0	5	604	103362
9/11/18 6:00 PM	0	5	604	103362
9/11/18 6:30 PM	0	5	603	103362
9/11/18 7:00 PM	0	6	603	103362
9/11/18 7:30 PM	0	6	602	103362
9/11/18 8:00 PM	0	6	602	103362
9/11/18 8:30 PM	0	7	602	103362
9/11/18 9:00 PM	0	7	602	103362
9/11/18 9:30 PM	0	7	601	103362
9/11/18 10:00 PM	0	8	601	103362
9/11/18 10:30 PM	0	8	601	103362
9/11/18 11:00 PM	0	8	600	103362
9/11/18 11:30 PM	0	8	600	103362
9/12/18 12:00 AM	0	9	600	103362
9/12/18 12:30 AM	0	9	600	103362
9/12/18 1:00 AM	0	9	599	103362
9/12/18 1:30 AM	0	9	599	103362
9/12/18 2:00 AM	0	10	599	103362
9/12/18 2:30 AM	0	10	599	103362
9/12/18 3:00 AM	0	10	598	103362
9/12/18 3:30 AM	0	10	598	103362
9/12/18 4:00 AM	0	11	598	103362
9/12/18 4:30 AM	0	11	598	103362
9/12/18 5:00 AM	0	11	597	103362
9/12/18 5:30 AM	0	11	597	103362
9/12/18 6:00 AM	0	12	597	103362
9/12/18 6:30 AM	0	12	597	103362
9/12/18 7:00 AM	0	12	597	103362
9/12/18 7:30 AM	0	12	597	103362
9/12/18 8:00 AM	0	13	597	103362
9/12/18 8:30 AM	0	13	596	103362
9/12/18 9:00 AM	0	13	596	103362
9/12/18 9:30 AM	0	13	596	103362
9/12/18 10:00 AM	0	14	596	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/12/18 10:30 AM	0	14	595	103362
9/12/18 11:00 AM	0	14	595	103362
9/12/18 11:30 AM	0	15	595	103362
9/12/18 12:00 PM	0	15	595	103362
9/12/18 12:30 PM	0	15	594	103362
9/12/18 1:00 PM	0	15	594	103362
9/12/18 1:30 PM	0	16	594	103362
9/12/18 2:00 PM	0	16	594	103362
9/12/18 2:30 PM	0	16	594	103362
9/12/18 3:00 PM	0	17	594	103362
9/12/18 3:30 PM	0	17	594	103362
9/12/18 4:00 PM	0	17	593	103362
9/12/18 4:30 PM	0	17	593	103362
9/12/18 5:00 PM	0	18	593	103362
9/12/18 5:30 PM	0	18	593	103362
9/12/18 6:00 PM	0	18	593	103362
9/12/18 6:30 PM	0	18	593	103362
9/12/18 7:00 PM	0	19	592	103362
9/12/18 7:30 PM	0	19	592	103362
9/12/18 8:00 PM	0	19	592	103362
9/12/18 8:30 PM	0	19	592	103362
9/12/18 9:00 PM	0	19	592	103362
9/12/18 9:30 PM	0	20	592	103362
9/12/18 10:00 PM	0	20	592	103362
9/12/18 10:30 PM	0	20	592	103362
9/12/18 11:00 PM	0	20	592	103362
9/12/18 11:30 PM	0	20	591	103362
9/13/18 12:00 AM	0	20	591	103362
9/13/18 12:30 AM	0	20	591	103362
9/13/18 1:00 AM	0	21	591	103362
9/13/18 1:30 AM	0	21	591	103362
9/13/18 2:00 AM	0	21	591	103362
9/13/18 2:30 AM	0	21	591	103362
9/13/18 3:00 AM	0	21	590	103362
9/13/18 3:30 AM	0	21	590	103362
9/13/18 4:00 AM	0	22	590	103362
9/13/18 4:30 AM	0	22	590	103362
9/13/18 5:00 AM	0	22	590	103362
9/13/18 5:30 AM	0	22	590	103362
9/13/18 6:00 AM	0	22	590	103362
9/13/18 6:30 AM	0	22	590	103362
9/13/18 7:00 AM	0	22	590	103362
9/13/18 7:30 AM	0	22	590	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/13/18 8:00 AM	0	23	590	103362
9/13/18 8:30 AM	0	23	590	103362
9/13/18 9:00 AM	0	23	590	103362
9/13/18 9:30 AM	0	23	589	103362
9/13/18 10:00 AM	0	23	589	103362
9/13/18 10:30 AM	0	24	589	103362
9/13/18 11:00 AM	0	24	589	103362
9/13/18 11:30 AM	0	24	589	103362
9/13/18 12:00 PM	0	24	588	103362
9/13/18 12:30 PM	0	24	588	103362
9/13/18 1:00 PM	0	25	588	103362
9/13/18 1:30 PM	0	25	588	103362
9/13/18 2:00 PM	0	25	588	103362
9/13/18 2:30 PM	0	25	588	103362
9/13/18 3:00 PM	0	26	588	103362
9/13/18 3:30 PM	0	26	588	103362
9/13/18 4:00 PM	0	26	588	103362
9/13/18 4:30 PM	0	26	588	103362
9/13/18 5:00 PM	0	26	588	103362
9/13/18 5:30 PM	0	26	588	103362
9/13/18 6:00 PM	0	27	587	103362
9/13/18 6:30 PM	0	27	587	103362
9/13/18 7:00 PM	0	27	587	103362
9/13/18 7:30 PM	0	27	587	103362
9/13/18 8:00 PM	0	27	587	103362
9/13/18 8:30 PM	0	27	587	103362
9/13/18 9:00 PM	0	27	587	103362
9/13/18 9:30 PM	0	27	587	103362
9/13/18 10:00 PM	0	28	587	103362
9/13/18 10:30 PM	0	28	587	103362
9/13/18 11:00 PM	0	28	587	103362
9/13/18 11:30 PM	0	28	587	103362
9/14/18 12:00 AM	0	28	587	103362
9/14/18 12:30 AM	0	28	587	103362
9/14/18 1:00 AM	0	28	586	103362
9/14/18 1:30 AM	0	28	586	103362
9/14/18 2:00 AM	0	28	586	103362
9/14/18 2:30 AM	0	28	586	103362
9/14/18 3:00 AM	0	28	586	103362
9/14/18 3:30 AM	0	28	586	103362
9/14/18 4:00 AM	0	28	586	103362
9/14/18 4:30 AM	0	28	586	103362
9/14/18 5:00 AM	0	28	586	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/14/18 5:30 AM	0	29	586	103362
9/14/18 6:00 AM	0	29	586	103362
9/14/18 6:30 AM	0	29	586	103362
9/14/18 7:00 AM	0	29	586	103362
9/14/18 7:30 AM	0	29	586	103362
9/14/18 8:00 AM	0	29	586	103362
9/14/18 8:30 AM	0	29	586	103362
9/14/18 9:00 AM	0	29	586	103362
9/14/18 9:30 AM	0	29	585	103362
9/14/18 10:00 AM	0	30	585	103362
9/14/18 10:30 AM	0	30	585	103362
9/14/18 11:00 AM	0	30	585	103362
9/14/18 11:30 AM	0	30	585	103362
9/14/18 12:00 PM	0	30	585	103362
9/14/18 12:30 PM	0	30	585	103362
9/14/18 1:00 PM	0	30	585	103362
9/14/18 1:30 PM	0	31	584	103362
9/14/18 2:00 PM	0	31	584	103362
9/14/18 2:30 PM	0	31	584	103362
9/14/18 3:00 PM	0	31	584	103362
9/14/18 3:30 PM	0	31	584	103362
9/14/18 4:00 PM	0	31	584	103362
9/14/18 4:30 PM	0	32	584	103362
9/14/18 5:00 PM	0	32	584	103362
9/14/18 5:30 PM	0	32	584	103362
9/14/18 6:00 PM	0	32	584	103362
9/14/18 6:30 PM	0	32	584	103362
9/14/18 7:00 PM	0	32	584	103362
9/14/18 7:30 PM	0	32	584	103362
9/14/18 8:00 PM	0	32	584	103362
9/14/18 8:30 PM	0	32	584	103362
9/14/18 9:00 PM	0	32	584	103362
9/14/18 9:30 PM	0	32	584	103362
9/14/18 10:00 PM	0	32	584	103362
9/14/18 10:30 PM	0	33	584	103362
9/14/18 11:00 PM	0	33	584	103362
9/14/18 11:30 PM	0	33	584	103362
9/15/18 12:00 AM	0	33	584	103362
9/15/18 12:30 AM	0	33	583	103362
9/15/18 1:00 AM	0	33	583	103362
9/15/18 1:30 AM	0	33	583	103362
9/15/18 2:00 AM	0	33	583	103362
9/15/18 2:30 AM	0	33	583	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/15/18 3:00 AM	0	33	583	103362
9/15/18 3:30 AM	0	33	583	103362
9/15/18 4:00 AM	0	33	583	103362
9/15/18 4:30 AM	0	33	583	103362
9/15/18 5:00 AM	0	33	583	103362
9/15/18 5:30 AM	0	33	583	103362
9/15/18 6:00 AM	0	33	583	103362
9/15/18 6:30 AM	0	33	583	103362
9/15/18 7:00 AM	0	33	583	103362
9/15/18 7:30 AM	0	33	583	103362
9/15/18 8:00 AM	0	33	583	103362
9/15/18 8:30 AM	0	33	583	103362
9/15/18 9:00 AM	0	33	583	103362
9/15/18 9:30 AM	0	34	582	103362
9/15/18 10:00 AM	0	34	582	103362
9/15/18 10:30 AM	0	34	582	103362
9/15/18 11:00 AM	0	34	582	103362
9/15/18 11:30 AM	0	34	582	103362
9/15/18 12:00 PM	0	34	582	103362
9/15/18 12:30 PM	0	34	582	103362
9/15/18 1:00 PM	0	35	582	103362
9/15/18 1:30 PM	0	35	582	103362
9/15/18 2:00 PM	0	35	582	103362
9/15/18 2:30 PM	0	35	581	103362
9/15/18 3:00 PM	0	35	582	103362
9/15/18 3:30 PM	0	35	581	103362
9/15/18 4:00 PM	0	35	582	103362
9/15/18 4:30 PM	0	36	581	103362
9/15/18 5:00 PM	0	36	581	103362
9/15/18 5:30 PM	0	36	581	103362
9/15/18 6:00 PM	0	36	581	103362
9/15/18 6:30 PM	0	36	581	103362
9/15/18 7:00 PM	0	36	581	103362
9/15/18 7:30 PM	0	36	581	103362
9/15/18 8:00 PM	0	36	581	103362
9/15/18 8:30 PM	0	36	581	103362
9/15/18 9:00 PM	0	36	581	103362
9/15/18 9:30 PM	0	36	581	103362
9/15/18 10:00 PM	0	36	581	103362
9/15/18 10:30 PM	0	36	581	103362
9/15/18 11:00 PM	0	36	581	103362
9/15/18 11:30 PM	0	36	581	103362
9/16/18 12:00 AM	0	36	581	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/16/18 12:30 AM	0	36	581	103362
9/16/18 1:00 AM	0	36	581	103362
9/16/18 1:30 AM	0	36	581	103362
9/16/18 2:00 AM	0	36	581	103362
9/16/18 2:30 AM	0	36	581	103362
9/16/18 3:00 AM	0	36	581	103362
9/16/18 3:30 AM	0	36	581	103362
9/16/18 4:00 AM	0	36	581	103362
9/16/18 4:30 AM	0	36	580	103362
9/16/18 5:00 AM	0	36	580	103362
9/16/18 5:30 AM	0	36	580	103362
9/16/18 6:00 AM	0	36	580	103362
9/16/18 6:30 AM	0	36	580	103362
9/16/18 7:00 AM	0	36	580	103362
9/16/18 7:30 AM	0	36	580	103362
9/16/18 8:00 AM	0	36	580	103362
9/16/18 8:30 AM	0	37	580	103362
9/16/18 9:00 AM	0	37	580	103362
9/16/18 9:30 AM	0	37	580	103362
9/16/18 10:00 AM	0	37	580	103362
9/16/18 10:30 AM	0	37	580	103362
9/16/18 11:00 AM	0	37	580	103362
9/16/18 11:30 AM	0	37	580	103362
9/16/18 12:00 PM	0	37	580	103362
9/16/18 12:30 PM	0	37	580	103362
9/16/18 1:00 PM	0	37	580	103362
9/16/18 1:30 PM	0	38	579	103362
9/16/18 2:00 PM	0	38	579	103362
9/16/18 2:30 PM	0	38	579	103362
9/16/18 3:00 PM	0	38	579	103362
9/16/18 3:30 PM	0	38	579	103362
9/16/18 4:00 PM	0	38	579	103362
9/16/18 4:30 PM	0	38	579	103362
9/16/18 5:00 PM	0	38	579	103362
9/16/18 5:30 PM	0	38	579	103362
9/16/18 6:00 PM	0	39	579	103362
9/16/18 6:30 PM	0	39	579	103362
9/16/18 7:00 PM	0	39	579	103362
9/16/18 7:30 PM	0	39	579	103362
9/16/18 8:00 PM	0	39	579	103362
9/16/18 8:30 PM	0	39	579	103362
9/16/18 9:00 PM	0	39	579	103362
9/16/18 9:30 PM	0	39	579	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/16/18 10:00 PM	0	39	579	103362
9/16/18 10:30 PM	0	39	579	103362
9/16/18 11:00 PM	0	39	579	103362
9/16/18 11:30 PM	0	39	579	103362
9/17/18 12:00 AM	0	39	579	103362
9/17/18 12:30 AM	0	39	579	103362
9/17/18 1:00 AM	0	39	579	103362
9/17/18 1:30 AM	0	39	579	103362
9/17/18 2:00 AM	0	39	579	103362
9/17/18 2:30 AM	0	39	579	103362
9/17/18 3:00 AM	0	39	579	103362
9/17/18 3:30 AM	0	39	579	103362
9/17/18 4:00 AM	0	39	579	103362
9/17/18 4:30 AM	0	39	578	103362
9/17/18 5:00 AM	0	39	578	103362
9/17/18 5:30 AM	0	39	578	103362
9/17/18 6:00 AM	0	39	578	103362
9/17/18 6:30 AM	0	39	578	103362
9/17/18 7:00 AM	0	39	578	103362
9/17/18 7:30 AM	0	39	578	103362
9/17/18 8:00 AM	0	39	578	103362
9/17/18 8:30 AM	0	39	578	103362
9/17/18 9:00 AM	0	39	578	103362
9/17/18 9:30 AM	0	39	578	103362
9/17/18 10:00 AM	0	39	578	103362
9/17/18 10:30 AM	0	39	578	103362
9/17/18 11:00 AM	0	39	578	103362
9/17/18 11:30 AM	0	39	578	103362
9/17/18 12:00 PM	0	39	578	103362
9/17/18 12:30 PM	0	40	578	103362
9/17/18 1:00 PM	0	40	578	103362
9/17/18 1:30 PM	0	40	578	103362
9/17/18 2:00 PM	0	40	577	103362
9/17/18 2:30 PM	0	40	578	103362
9/17/18 3:00 PM	0	40	577	103362
9/17/18 3:30 PM	0	40	578	103362
9/17/18 4:00 PM	0	40	577	103362
9/17/18 4:30 PM	0	40	577	103362
9/17/18 5:00 PM	0	40	577	103362
9/17/18 5:30 PM	0	40	577	103362
9/17/18 6:00 PM	0	40	577	103362
9/17/18 6:30 PM	0	41	577	103362
9/17/18 7:00 PM	0	41	577	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/17/18 7:30 PM	0	41	577	103362
9/17/18 8:00 PM	0	41	577	103362
9/17/18 8:30 PM	0	41	577	103362
9/17/18 9:00 PM	0	41	577	103362
9/17/18 9:30 PM	0	41	577	103362
9/17/18 10:00 PM	0	41	577	103362
9/17/18 10:30 PM	0	41	577	103362
9/17/18 11:00 PM	0	40	577	103362
9/17/18 11:30 PM	0	40	577	103362
9/18/18 12:00 AM	0	40	577	103362
9/18/18 12:30 AM	0	40	577	103362
9/18/18 1:00 AM	0	40	577	103362
9/18/18 1:30 AM	0	40	577	103362
9/18/18 2:00 AM	0	40	577	103362
9/18/18 2:30 AM	0	40	577	103362
9/18/18 3:00 AM	0	40	577	103362
9/18/18 3:30 AM	0	40	577	103362
9/18/18 4:00 AM	0	40	577	103362
9/18/18 4:30 AM	0	40	577	103362
9/18/18 5:00 AM	0	40	577	103362
9/18/18 5:30 AM	0	40	577	103362
9/18/18 6:00 AM	0	40	577	103362
9/18/18 6:30 AM	0	40	577	103362
9/18/18 7:00 AM	0	40	577	103362
9/18/18 7:30 AM	0	40	577	103362
9/18/18 8:00 AM	0	40	577	103362
9/18/18 8:30 AM	0	40	577	103362
9/18/18 9:00 AM	0	41	577	103362
9/18/18 9:30 AM	0	41	577	103362
9/18/18 10:00 AM	0	41	577	103362
9/18/18 10:30 AM	0	41	576	103362
9/18/18 11:00 AM	0	41	576	103362
9/18/18 11:30 AM	0	41	576	103362
9/18/18 12:00 PM	0	41	576	103362
9/18/18 12:30 PM	0	41	576	103362
9/18/18 1:00 PM	0	41	576	103362
9/18/18 1:30 PM	0	41	576	103362
9/18/18 2:00 PM	0	41	576	103362
9/18/18 2:30 PM	0	42	576	103362
9/18/18 3:00 PM	0	42	576	103362
9/18/18 3:30 PM	0	42	576	103362
9/18/18 4:00 PM	0	42	576	103362
9/18/18 4:30 PM	0	42	576	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/18/18 5:00 PM	0	42	576	103362
9/18/18 5:30 PM	0	42	576	103362
9/18/18 6:00 PM	0	42	576	103362
9/18/18 6:30 PM	0	42	576	103362
9/18/18 7:00 PM	0	42	575	103362
9/18/18 7:30 PM	0	42	575	103362
9/18/18 8:00 PM	0	42	576	103362
9/18/18 8:30 PM	0	42	576	103362
9/18/18 9:00 PM	0	42	576	103362
9/18/18 9:30 PM	0	42	576	103362
9/18/18 10:00 PM	0	42	576	103362
9/18/18 10:30 PM	0	42	576	103362
9/18/18 11:00 PM	0	42	576	103362
9/18/18 11:30 PM	0	42	576	103362
9/19/18 12:00 AM	0	42	576	103362
9/19/18 12:30 AM	0	42	576	103362
9/19/18 1:00 AM	0	42	576	103362
9/19/18 1:30 AM	0	42	575	103362
9/19/18 2:00 AM	0	42	575	103362
9/19/18 2:30 AM	0	42	575	103362
9/19/18 3:00 AM	0	42	575	103362
9/19/18 3:30 AM	0	42	575	103362
9/19/18 4:00 AM	0	42	575	103362
9/19/18 4:30 AM	0	42	575	103362
9/19/18 5:00 AM	0	42	575	103362
9/19/18 5:30 AM	0	42	575	103362
9/19/18 6:00 AM	0	42	575	103362
9/19/18 6:30 AM	0	42	575	103362
9/19/18 7:00 AM	0	42	575	103362
9/19/18 7:30 AM	0	42	575	103362
9/19/18 8:00 AM	0	42	575	103362
9/19/18 8:30 AM	0	42	575	103362
9/19/18 9:00 AM	0	42	575	103362
9/19/18 9:30 AM	0	42	575	103362
9/19/18 10:00 AM	0	42	575	103362
9/19/18 10:30 AM	0	42	575	103362
9/19/18 11:00 AM	0	42	575	103362
9/19/18 11:30 AM	0	42	575	103362
9/19/18 12:00 PM	0	42	575	103362
9/19/18 12:30 PM	0	42	575	103362
9/19/18 1:00 PM	0	42	575	103362
9/19/18 1:30 PM	0	43	574	103362
9/19/18 2:00 PM	0	43	574	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/19/18 2:30 PM	0	43	575	103362
9/19/18 3:00 PM	0	43	575	103362
9/19/18 3:30 PM	0	43	575	103362
9/19/18 4:00 PM	0	43	574	103362
9/19/18 4:30 PM	0	43	574	103362
9/19/18 5:00 PM	0	43	574	103362
9/19/18 5:30 PM	0	43	574	103362
9/19/18 6:00 PM	0	43	574	103362
9/19/18 6:30 PM	0	43	574	103362
9/19/18 7:00 PM	0	43	574	103362
9/19/18 7:30 PM	0	43	574	103362
9/19/18 8:00 PM	0	43	574	103362
9/19/18 8:30 PM	0	43	574	103362
9/19/18 9:00 PM	0	43	574	103362
9/19/18 9:30 PM	0	43	574	103362
9/19/18 10:00 PM	0	43	574	103362
9/19/18 10:30 PM	0	43	574	103362
9/19/18 11:00 PM	0	43	574	103362
9/19/18 11:30 PM	0	43	574	103362
9/20/18 12:00 AM	0	43	574	103362
9/20/18 12:30 AM	0	43	574	103362
9/20/18 1:00 AM	0	43	574	103362
9/20/18 1:30 AM	0	43	574	103362
9/20/18 2:00 AM	0	43	574	103362
9/20/18 2:30 AM	0	43	574	103362
9/20/18 3:00 AM	0	43	574	103362
9/20/18 3:30 AM	0	43	574	103362
9/20/18 4:00 AM	0	43	574	103362
9/20/18 4:30 AM	0	43	574	103362
9/20/18 5:00 AM	0	43	574	103362
9/20/18 5:30 AM	0	43	574	103362
9/20/18 6:00 AM	0	43	574	103362
9/20/18 6:30 AM	0	43	574	103362
9/20/18 7:00 AM	0	43	574	103362
9/20/18 7:30 AM	0	43	573	103362
9/20/18 8:00 AM	0	43	574	103362
9/20/18 8:30 AM	0	43	574	103362
9/20/18 9:00 AM	0	43	574	103362
9/20/18 9:30 AM	0	43	574	103362
9/20/18 10:00 AM	0	43	574	103362
9/20/18 10:30 AM	0	43	573	103362
9/20/18 11:00 AM	0	43	573	103362
9/20/18 11:30 AM	0	43	573	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/20/18 12:00 PM	0	43	573	103362
9/20/18 12:30 PM	0	43	573	103362
9/20/18 1:00 PM	0	44	573	103362
9/20/18 1:30 PM	0	44	573	103362
9/20/18 2:00 PM	0	44	573	103362
9/20/18 2:30 PM	0	44	573	103362
9/20/18 3:00 PM	0	44	573	103362
9/20/18 3:30 PM	0	44	573	103362
9/20/18 4:00 PM	0	44	573	103362
9/20/18 4:30 PM	0	44	573	103362
9/20/18 5:00 PM	0	44	573	103362
9/20/18 5:30 PM	0	44	573	103362
9/20/18 6:00 PM	0	44	573	103362
9/20/18 6:30 PM	0	44	573	103362
9/20/18 7:00 PM	0	44	573	103362
9/20/18 7:30 PM	0	44	573	103362
9/20/18 8:00 PM	0	44	573	103362
9/20/18 8:30 PM	0	44	573	103362
9/20/18 9:00 PM	0	44	573	103362
9/20/18 9:30 PM	0	44	573	103362
9/20/18 10:00 PM	0	44	573	103362
9/20/18 10:30 PM	0	44	573	103362
9/20/18 11:00 PM	0	44	573	103362
9/20/18 11:30 PM	0	44	573	103362
9/21/18 12:00 AM	0	44	573	103362
9/21/18 12:30 AM	0	44	573	103362
9/21/18 1:00 AM	0	44	573	103362
9/21/18 1:30 AM	0	44	573	103362
9/21/18 2:00 AM	0	44	572	103362
9/21/18 2:30 AM	0	44	573	103362
9/21/18 3:00 AM	0	44	573	103362
9/21/18 3:30 AM	0	44	572	103362
9/21/18 4:00 AM	0	44	572	103362
9/21/18 4:30 AM	0	44	572	103362
9/21/18 5:00 AM	0	44	572	103362
9/21/18 5:30 AM	0	44	572	103362
9/21/18 6:00 AM	0	44	572	103362
9/21/18 6:30 AM	0	44	572	103362
9/21/18 7:00 AM	0	44	572	103362
9/21/18 7:30 AM	0	44	572	103362
9/21/18 8:00 AM	0	44	572	103362
9/21/18 8:30 AM	0	44	573	103362
9/21/18 9:00 AM	0	44	572	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/21/18 9:30 AM	0	44	572	103362
9/21/18 10:00 AM	0	44	572	103362
9/21/18 10:30 AM	0	44	572	103362
9/21/18 11:00 AM	0	44	572	103362
9/21/18 11:30 AM	0	44	572	103362
9/21/18 12:00 PM	0	44	572	103362
9/21/18 12:30 PM	0	44	572	103362
9/21/18 1:00 PM	0	44	572	103362
9/21/18 1:30 PM	0	44	572	103362
9/21/18 2:00 PM	0	44	572	103362
9/21/18 2:30 PM	0	44	571	103362
9/21/18 3:00 PM	0	45	572	103362
9/21/18 3:30 PM	0	45	571	103362
9/21/18 4:00 PM	0	45	571	103362
9/21/18 4:30 PM	0	45	572	103362
9/21/18 5:00 PM	0	45	572	103362
9/21/18 5:30 PM	0	45	572	103362
9/21/18 6:00 PM	0	45	571	103362
9/21/18 6:30 PM	0	45	571	103362
9/21/18 7:00 PM	0	45	571	103362
9/21/18 7:30 PM	0	45	571	103362
9/21/18 8:00 PM	0	45	571	103362
9/21/18 8:30 PM	0	45	571	103362
9/21/18 9:00 PM	0	45	572	103362
9/21/18 9:30 PM	0	45	572	103362
9/21/18 10:00 PM	0	45	572	103362
9/21/18 10:30 PM	0	45	572	103362
9/21/18 11:00 PM	0	45	571	103362
9/21/18 11:30 PM	0	45	571	103362
9/22/18 12:00 AM	0	45	571	103362
9/22/18 12:30 AM	0	45	571	103362
9/22/18 1:00 AM	0	45	571	103362
9/22/18 1:30 AM	0	45	571	103362
9/22/18 2:00 AM	0	45	571	103362
9/22/18 2:30 AM	0	45	571	103362
9/22/18 3:00 AM	0	45	571	103362
9/22/18 3:30 AM	0	45	571	103362
9/22/18 4:00 AM	0	45	571	103362
9/22/18 4:30 AM	0	45	571	103362
9/22/18 5:00 AM	0	45	571	103362
9/22/18 5:30 AM	0	45	571	103362
9/22/18 6:00 AM	0	45	571	103362
9/22/18 6:30 AM	0	45	571	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/22/18 7:00 AM	0	45	571	103362
9/22/18 7:30 AM	0	45	571	103362
9/22/18 8:00 AM	0	45	571	103362
9/22/18 8:30 AM	0	45	571	103362
9/22/18 9:00 AM	0	45	571	103362
9/22/18 9:30 AM	0	45	571	103362
9/22/18 10:00 AM	0	45	571	103362
9/22/18 10:30 AM	0	45	571	103362
9/22/18 11:00 AM	0	45	571	103362
9/22/18 11:30 AM	0	45	571	103362
9/22/18 12:00 PM	0	45	571	103362
9/22/18 12:30 PM	0	45	571	103362
9/22/18 1:00 PM	0	45	571	103362
9/22/18 1:30 PM	0	45	570	103362
9/22/18 2:00 PM	0	45	571	103362
9/22/18 2:30 PM	0	45	570	103362
9/22/18 3:00 PM	0	45	570	103362
9/22/18 3:30 PM	0	46	570	103362
9/22/18 4:00 PM	0	46	570	103362
9/22/18 4:30 PM	0	46	570	103362
9/22/18 5:00 PM	0	46	570	103362
9/22/18 5:30 PM	0	46	570	103362
9/22/18 6:00 PM	0	46	570	103362
9/22/18 6:30 PM	0	46	570	103362
9/22/18 7:00 PM	0	46	570	103362
9/22/18 7:30 PM	0	46	570	103362
9/22/18 8:00 PM	0	46	570	103362
9/22/18 8:30 PM	0	46	570	103362
9/22/18 9:00 PM	0	46	570	103362
9/22/18 9:30 PM	0	46	570	103362
9/22/18 10:00 PM	0	46	570	103362
9/22/18 10:30 PM	0	46	570	103362
9/22/18 11:00 PM	0	46	570	103362
9/22/18 11:30 PM	0	46	570	103362
9/23/18 12:00 AM	0	45	570	103362
9/23/18 12:30 AM	0	45	570	103362
9/23/18 1:00 AM	0	45	570	103362
9/23/18 1:30 AM	0	45	570	103362
9/23/18 2:00 AM	0	45	570	103362
9/23/18 2:30 AM	0	45	570	103362
9/23/18 3:00 AM	0	45	570	103362
9/23/18 3:30 AM	0	45	570	103362
9/23/18 4:00 AM	0	45	570	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/23/18 4:30 AM	0	45	570	103362
9/23/18 5:00 AM	0	45	570	103362
9/23/18 5:30 AM	0	45	570	103362
9/23/18 6:00 AM	0	45	570	103362
9/23/18 6:30 AM	0	45	570	103362
9/23/18 7:00 AM	0	45	570	103362
9/23/18 7:30 AM	0	45	570	103362
9/23/18 8:00 AM	0	45	570	103362
9/23/18 8:30 AM	0	45	570	103362
9/23/18 9:00 AM	0	45	570	103362
9/23/18 9:30 AM	0	45	570	103362
9/23/18 10:00 AM	0	45	570	103362
9/23/18 10:30 AM	0	45	570	103362
9/23/18 11:00 AM	0	45	570	103362
9/23/18 11:30 AM	0	46	570	103362
9/23/18 12:00 PM	0	46	570	103362
9/23/18 12:30 PM	0	46	570	103362
9/23/18 1:00 PM	0	46	570	103362
9/23/18 1:30 PM	0	46	569	103362
9/23/18 2:00 PM	0	46	569	103362
9/23/18 2:30 PM	0	46	569	103362
9/23/18 3:00 PM	0	46	569	103362
9/23/18 3:30 PM	0	46	569	103362
9/23/18 4:00 PM	0	46	569	103362
9/23/18 4:30 PM	0	46	569	103362
9/23/18 5:00 PM	0	46	569	103362
9/23/18 5:30 PM	0	46	569	103362
9/23/18 6:00 PM	0	46	569	103362
9/23/18 6:30 PM	0	46	569	103362
9/23/18 7:00 PM	0	46	569	103362
9/23/18 7:30 PM	0	46	569	103362
9/23/18 8:00 PM	0	46	569	103362
9/23/18 8:30 PM	0	46	569	103362
9/23/18 9:00 PM	0	46	569	103362
9/23/18 9:30 PM	0	46	569	103362
9/23/18 10:00 PM	0	46	569	103362
9/23/18 10:30 PM	0	46	569	103362
9/23/18 11:00 PM	0	46	569	103362
9/23/18 11:30 PM	0	46	569	103362
9/24/18 12:00 AM	0	46	569	103362
9/24/18 12:30 AM	0	46	569	103362
9/24/18 1:00 AM	0	46	569	103362
9/24/18 1:30 AM	0	46	569	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
	<u>Flowrate</u> <u>(gpm)</u>	<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/24/18 2:00 AM	0	46	569	103362
9/24/18 2:30 AM	0	46	569	103362
9/24/18 3:00 AM	0	46	569	103362
9/24/18 3:30 AM	0	46	569	103362
9/24/18 4:00 AM	0	46	569	103362
9/24/18 4:30 AM	0	46	569	103362
9/24/18 5:00 AM	0	46	569	103362
9/24/18 5:30 AM	0	46	569	103362
9/24/18 6:00 AM	0	46	569	103362
9/24/18 6:30 AM	0	46	569	103362
9/24/18 7:00 AM	0	46	569	103362
9/24/18 7:30 AM	0	46	569	103362
9/24/18 8:00 AM	0	46	569	103362
9/24/18 8:30 AM	0	46	569	103362
9/24/18 9:00 AM	0	46	569	103362
9/24/18 9:30 AM	0	46	569	103362
9/24/18 10:00 AM	0	46	569	103362
9/24/18 10:30 AM	0	46	569	103362
9/24/18 11:00 AM	0	46	569	103362
9/24/18 11:30 AM	0	46	569	103362
9/24/18 12:00 PM	0	46	569	103362
9/24/18 12:30 PM	0	46	568	103362
9/24/18 1:00 PM	0	46	568	103362
9/24/18 1:30 PM	0	46	568	103362
9/24/18 2:00 PM	0	47	569	103362
9/24/18 2:30 PM	0	46	568	103362
9/24/18 3:00 PM	0	47	568	103362
9/24/18 3:30 PM	0	47	568	103362
9/24/18 4:00 PM	0	47	568	103362
9/24/18 4:30 PM	0	47	568	103362
9/24/18 5:00 PM	0	47	568	103362
9/24/18 5:30 PM	0	47	568	103362
9/24/18 6:00 PM	0	47	568	103362
9/24/18 6:30 PM	0	47	568	103362
9/24/18 7:00 PM	0	47	568	103362
9/24/18 7:30 PM	0	47	568	103362
9/24/18 8:00 PM	0	47	568	103362
9/24/18 8:30 PM	0	47	568	103362
9/24/18 9:00 PM	0	47	568	103362
9/24/18 9:30 PM	0	47	568	103362
9/24/18 10:00 PM	0	47	568	103362
9/24/18 10:30 PM	0	47	568	103362
9/24/18 11:00 PM	0	47	568	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/24/18 11:30 PM	0	47	568	103362
9/25/18 12:00 AM	0	47	568	103362
9/25/18 12:30 AM	0	47	568	103362
9/25/18 1:00 AM	0	47	568	103362
9/25/18 1:30 AM	0	47	568	103362
9/25/18 2:00 AM	0	47	568	103362
9/25/18 2:30 AM	0	47	568	103362
9/25/18 3:00 AM	0	47	568	103362
9/25/18 3:30 AM	0	47	568	103362
9/25/18 4:00 AM	0	46	568	103362
9/25/18 4:30 AM	0	46	568	103362
9/25/18 5:00 AM	0	46	568	103362
9/25/18 5:30 AM	0	46	568	103362
9/25/18 6:00 AM	0	46	568	103362
9/25/18 6:30 AM	0	46	568	103362
9/25/18 7:00 AM	0	46	568	103362
9/25/18 7:30 AM	0	46	568	103362
9/25/18 8:00 AM	0	46	568	103362
9/25/18 8:30 AM	0	46	568	103362
9/25/18 9:00 AM	0	46	568	103362
9/25/18 9:30 AM	0	46	568	103362
9/25/18 10:00 AM	0	46	568	103362
9/25/18 10:30 AM	0	46	568	103362
9/25/18 11:00 AM	0	47	568	103362
9/25/18 11:30 AM	0	47	568	103362
9/25/18 12:00 PM	0	47	568	103362
9/25/18 12:30 PM	0	47	568	103362
9/25/18 1:00 PM	0	47	567	103362
9/25/18 1:30 PM	0	47	567	103362
9/25/18 2:00 PM	0	47	567	103362
9/25/18 2:30 PM	0	47	567	103362
9/25/18 3:00 PM	0	47	567	103362
9/25/18 3:30 PM	0	47	567	103362
9/25/18 4:00 PM	0	47	567	103362
9/25/18 4:30 PM	0	47	567	103362
9/25/18 5:00 PM	0	47	567	103362
9/25/18 5:30 PM	0	47	567	103362
9/25/18 6:00 PM	0	47	567	103362
9/25/18 6:30 PM	0	47	567	103362
9/25/18 7:00 PM	0	47	567	103362
9/25/18 7:30 PM	0	47	567	103362
9/25/18 8:00 PM	0	47	567	103362
9/25/18 8:30 PM	0	47	567	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
	<u>Flowrate</u> <u>(gpm)</u>	<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/25/18 9:00 PM	0	47	567	103362
9/25/18 9:30 PM	0	47	567	103362
9/25/18 10:00 PM	0	47	567	103362
9/25/18 10:30 PM	0	47	567	103362
9/25/18 11:00 PM	0	47	567	103362
9/25/18 11:30 PM	0	47	567	103362
9/26/18 12:00 AM	0	47	567	103362
9/26/18 12:30 AM	0	47	567	103362
9/26/18 1:00 AM	0	47	567	103362
9/26/18 1:30 AM	0	47	567	103362
9/26/18 2:00 AM	0	47	567	103362
9/26/18 2:30 AM	0	47	567	103362
9/26/18 3:00 AM	0	47	567	103362
9/26/18 3:30 AM	0	47	567	103362
9/26/18 4:00 AM	0	47	567	103362
9/26/18 4:30 AM	0	47	567	103362
9/26/18 5:00 AM	0	47	567	103362
9/26/18 5:30 AM	0	47	567	103362
9/26/18 6:00 AM	0	47	567	103362
9/26/18 6:30 AM	0	47	567	103362
9/26/18 7:00 AM	0	47	567	103362
9/26/18 7:30 AM	0	47	567	103362
9/26/18 8:00 AM	0	47	567	103362
9/26/18 8:30 AM	0	47	567	103362
9/26/18 9:00 AM	0	47	567	103362
9/26/18 9:30 AM	0	47	567	103362
9/26/18 10:00 AM	0	47	567	103362
9/26/18 10:30 AM	0	47	567	103362
9/26/18 11:00 AM	0	47	567	103362
9/26/18 11:30 AM	0	47	567	103362
9/26/18 12:00 PM	0	47	566	103362
9/26/18 12:30 PM	0	47	566	103362
9/26/18 1:00 PM	0	47	566	103362
9/26/18 1:30 PM	0	47	566	103362
9/26/18 2:00 PM	0	47	566	103362
9/26/18 2:30 PM	0	48	566	103362
9/26/18 3:00 PM	0	48	566	103362
9/26/18 3:30 PM	0	48	566	103362
9/26/18 4:00 PM	0	48	566	103362
9/26/18 4:30 PM	0	48	566	103362
9/26/18 5:00 PM	0	48	566	103362
9/26/18 5:30 PM	0	48	566	103362
9/26/18 6:00 PM	0	48	566	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/26/18 6:30 PM	0	48	566	103362
9/26/18 7:00 PM	0	48	566	103362
9/26/18 7:30 PM	0	48	566	103362
9/26/18 8:00 PM	0	48	566	103362
9/26/18 8:30 PM	0	48	566	103362
9/26/18 9:00 PM	0	48	566	103362
9/26/18 9:30 PM	0	48	566	103362
9/26/18 10:00 PM	0	48	566	103362
9/26/18 10:30 PM	0	48	566	103362
9/26/18 11:00 PM	0	48	566	103362
9/26/18 11:30 PM	0	47	566	103362
9/27/18 12:00 AM	0	47	566	103362
9/27/18 12:30 AM	0	47	566	103362
9/27/18 1:00 AM	0	47	566	103362
9/27/18 1:30 AM	0	47	566	103362
9/27/18 2:00 AM	0	47	566	103362
9/27/18 2:30 AM	0	47	566	103362
9/27/18 3:00 AM	0	47	566	103362
9/27/18 3:30 AM	0	47	566	103362
9/27/18 4:00 AM	0	47	566	103362
9/27/18 4:30 AM	0	47	566	103362
9/27/18 5:00 AM	0	47	566	103362
9/27/18 5:30 AM	0	47	566	103362
9/27/18 6:00 AM	0	47	566	103362
9/27/18 6:30 AM	0	47	566	103362
9/27/18 7:00 AM	0	47	566	103362
9/27/18 7:30 AM	0	47	566	103362
9/27/18 8:00 AM	0	47	566	103362
9/27/18 8:30 AM	0	47	566	103362
9/27/18 9:00 AM	0	47	566	103362
9/27/18 9:30 AM	0	47	566	103362
9/27/18 10:00 AM	0	47	566	103362
9/27/18 10:30 AM	0	47	566	103362
9/27/18 11:00 AM	0	47	566	103362
9/27/18 11:30 AM	0	47	566	103362
9/27/18 12:00 PM	0	47	566	103362
9/27/18 12:30 PM	0	47	565	103362
9/27/18 1:00 PM	0	47	565	103362
9/27/18 1:30 PM	0	47	565	103362
9/27/18 2:00 PM	0	48	565	103362
9/27/18 2:30 PM	0	48	565	103362
9/27/18 3:00 PM	0	48	565	103362
9/27/18 3:30 PM	0	48	565	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/27/18 4:00 PM	0	48	565	103362
9/27/18 4:30 PM	0	48	565	103362
9/27/18 5:00 PM	0	48	565	103362
9/27/18 5:30 PM	0	48	565	103362
9/27/18 6:00 PM	0	48	565	103362
9/27/18 6:30 PM	0	48	565	103362
9/27/18 7:00 PM	0	48	565	103362
9/27/18 7:30 PM	0	48	565	103362
9/27/18 8:00 PM	0	48	565	103362
9/27/18 8:30 PM	0	48	565	103362
9/27/18 9:00 PM	0	48	565	103362
9/27/18 9:30 PM	0	48	565	103362
9/27/18 10:00 PM	0	48	565	103362
9/27/18 10:30 PM	0	48	565	103362
9/27/18 11:00 PM	0	48	565	103362
9/27/18 11:30 PM	0	48	565	103362
9/28/18 12:00 AM	0	48	565	103362
9/28/18 12:30 AM	0	48	565	103362
9/28/18 1:00 AM	0	48	565	103362
9/28/18 1:30 AM	0	48	565	103362
9/28/18 2:00 AM	0	48	565	103362
9/28/18 2:30 AM	0	47	565	103362
9/28/18 3:00 AM	0	47	565	103362
9/28/18 3:30 AM	0	47	565	103362
9/28/18 4:00 AM	0	47	565	103362
9/28/18 4:30 AM	0	47	565	103362
9/28/18 5:00 AM	0	47	565	103362
9/28/18 5:30 AM	0	47	565	103362
9/28/18 6:00 AM	0	47	565	103362
9/28/18 6:30 AM	0	47	565	103362
9/28/18 7:00 AM	0	47	565	103362
9/28/18 7:30 AM	0	47	565	103362
9/28/18 8:00 AM	0	47	565	103362
9/28/18 8:30 AM	0	47	565	103362
9/28/18 9:00 AM	0	47	565	103362
9/28/18 9:30 AM	0	47	565	103362
9/28/18 10:00 AM	0	47	565	103362
9/28/18 10:30 AM	0	47	565	103362
9/28/18 11:00 AM	0	47	565	103362
9/28/18 11:30 AM	0	47	565	103362
9/28/18 12:00 PM	0	47	565	103362
9/28/18 12:30 PM	0	48	565	103362
9/28/18 1:00 PM	0	48	564	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/28/18 1:30 PM	0	48	564	103362
9/28/18 2:00 PM	0	48	564	103362
9/28/18 2:30 PM	0	48	564	103362
9/28/18 3:00 PM	0	48	564	103362
9/28/18 3:30 PM	0	48	564	103362
9/28/18 4:00 PM	0	48	564	103362
9/28/18 4:30 PM	0	48	564	103362
9/28/18 5:00 PM	0	48	564	103362
9/28/18 5:30 PM	0	48	564	103362
9/28/18 6:00 PM	0	48	564	103362
9/28/18 6:30 PM	0	48	564	103362
9/28/18 7:00 PM	0	48	564	103362
9/28/18 7:30 PM	0	48	564	103362
9/28/18 8:00 PM	0	48	564	103362
9/28/18 8:30 PM	0	48	564	103362
9/28/18 9:00 PM	0	48	564	103362
9/28/18 9:30 PM	0	48	564	103362
9/28/18 10:00 PM	0	48	564	103362
9/28/18 10:30 PM	0	48	564	103362
9/28/18 11:00 PM	0	48	564	103362
9/28/18 11:30 PM	0	48	564	103362
9/29/18 12:00 AM	0	48	564	103362
9/29/18 12:30 AM	0	48	564	103362
9/29/18 1:00 AM	0	48	564	103362
9/29/18 1:30 AM	0	48	564	103362
9/29/18 2:00 AM	0	48	564	103362
9/29/18 2:30 AM	0	48	564	103362
9/29/18 3:00 AM	0	48	564	103362
9/29/18 3:30 AM	0	48	564	103362
9/29/18 4:00 AM	0	47	564	103362
9/29/18 4:30 AM	0	47	564	103362
9/29/18 5:00 AM	0	47	564	103362
9/29/18 5:30 AM	0	47	564	103362
9/29/18 6:00 AM	0	47	564	103362
9/29/18 6:30 AM	0	47	564	103362
9/29/18 7:00 AM	0	47	564	103362
9/29/18 7:30 AM	0	47	564	103362
9/29/18 8:00 AM	0	47	564	103362
9/29/18 8:30 AM	0	47	564	103362
9/29/18 9:00 AM	0	47	564	103362
9/29/18 9:30 AM	0	47	564	103362
9/29/18 10:00 AM	0	47	564	103362
9/29/18 10:30 AM	0	48	564	103362

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
9/29/18 11:00 AM	0	48	564	103362
9/29/18 11:30 AM	0	48	564	103362
9/29/18 12:00 PM	0	48	564	103362
9/29/18 12:30 PM	0	48	564	103362
9/29/18 1:00 PM	0	48	563	103362
9/29/18 1:30 PM	0	48	563	103362
9/29/18 2:00 PM	0	48	563	103362
9/29/18 2:30 PM	0	48	563	103362
9/29/18 3:00 PM	0	48	563	103362
9/29/18 3:30 PM	0	48	563	103362
9/29/18 4:00 PM	0	48	563	103362
9/29/18 4:30 PM	0	48	563	103362
9/29/18 5:00 PM	0	48	563	103362
9/29/18 5:30 PM	0	48	563	103362
9/29/18 6:00 PM	0	48	563	103362
9/29/18 6:30 PM	0	48	563	103362
9/29/18 7:00 PM	0	48	563	103362
9/29/18 7:30 PM	0	48	563	103362
9/29/18 8:00 PM	0	48	563	103362
9/29/18 8:30 PM	0	48	563	103362
9/29/18 9:00 PM	0	48	563	103362
9/29/18 9:30 PM	0	48	563	103362
9/29/18 10:00 PM	0	48	563	103362
9/29/18 10:30 PM	0	48	563	103362
9/29/18 11:00 PM	0	48	563	103362
9/29/18 11:30 PM	0	48	563	103362
9/30/18 12:00 AM	0	48	563	103362
9/30/18 12:30 AM	0	48	563	103362
9/30/18 1:00 AM	0	48	563	103362
9/30/18 1:30 AM	0	48	563	103362
9/30/18 2:00 AM	0	48	563	103362
9/30/18 2:30 AM	0	48	563	103362
9/30/18 3:00 AM	0	48	563	103362
9/30/18 3:30 AM	0	48	563	103362
9/30/18 4:00 AM	0	48	563	103362
9/30/18 4:30 AM	0	48	563	103362
9/30/18 5:00 AM	0	48	563	103362
9/30/18 5:30 AM	0	48	563	103362
9/30/18 6:00 AM	0	48	563	103362
9/30/18 6:30 AM	0	48	563	103362
9/30/18 7:00 AM	0	48	563	103362
9/30/18 7:30 AM	0	48	563	103362
9/30/18 8:00 AM	0	48	563	103362

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
9/30/18 8:30 AM	0	48	563	103362
9/30/18 9:00 AM	0	48	563	103362
9/30/18 9:30 AM	0	48	563	103362
9/30/18 10:00 AM	0	48	563	103362
9/30/18 10:30 AM	0	48	563	103362
9/30/18 11:00 AM	0	48	563	103362
9/30/18 11:30 AM	0	48	563	103362
9/30/18 12:00 PM	0	48	563	103362
9/30/18 12:30 PM	0	48	563	103362
9/30/18 1:00 PM	0	48	563	103362
9/30/18 1:30 PM	0	48	563	103362
9/30/18 2:00 PM	0	48	562	103362
9/30/18 2:30 PM	0	48	562	103362
9/30/18 3:00 PM	0	49	563	103362
9/30/18 3:30 PM	0	49	563	103362
9/30/18 4:00 PM	0	49	562	103362
9/30/18 4:30 PM	0	49	563	103362
9/30/18 5:00 PM	0	49	562	103362
9/30/18 5:30 PM	0	49	562	103362
9/30/18 6:00 PM	0	49	562	103362
9/30/18 6:30 PM	0	49	563	103362
9/30/18 7:00 PM	0	49	563	103362
9/30/18 7:30 PM	0	49	563	103362
9/30/18 8:00 PM	0	49	563	103362
9/30/18 8:30 PM	0	49	563	103362
9/30/18 9:00 PM	0	49	563	103362
9/30/18 9:30 PM	0	49	563	103362
9/30/18 10:00 PM	0	49	563	103362
9/30/18 10:30 PM	0	49	563	103362
9/30/18 11:00 PM	0	49	563	103362
9/30/18 11:30 PM	0	49	563	103362
10/1/18 12:00 AM	0	49	563	103362

August 1, 2019

Carl Chavez

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

Fed Ex Tracker #: 7890 6316 5009 (NMOCD-Santa Fe)

RE: 2nd Quarter 2019 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between April 1st, 2019 and June 30st, 2019, which includes the following:

- Attachment A: 2019 Quarterly Injection Well Table
- Attachment B: Analytical summary of quarterly samples collected in June 2019
- Attachment C: Copy of quarterly analytical report
- Attachment D: Summary of Well Operational Logs

In addition to the activities included above, a Fall-Off Test was conducted during April 15th and April 30th, 2019. A summary of the activities conducted as part of the Fall-Off Test protocol and the results from the testing activities were submitted to the New Mexico Oil Conservation Division (NMOCD) under a separate cover letter dated June 28, 2019.

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or kelly.robinson@andavor.com.

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

ATTACHMENT A

Quarterly Injection Well Report

TABLE 1

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL

P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT

DISCHARGE PERMIT UIC-011 (WDW #2)

U.I.: H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2019	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	58,422	673,000	218,274	601	1,267	543	726	82	-5	42	28	23	25
FEB	0	789,000	210,252	563	1,424	601	760	114	-4	64	44	5	32
MAR	0	1,156,000	165,858	633	1,990	611	784	119	(2)	62	34	20	25
APR	74,046	885,000	170,856	526	1,902	462	870	84	1	40	19	1	15
MAY	36,456	1,411,000	-	745	689	602	637	132	84	113	-	-	-
JUN	1,092	1,255,000	7,938	716	964	570	587	149	6	136	27	24	15
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													
The total amount injected in 2019 is:			773,178	gallons									

The total amount injected in 2019 is:

773,178 gallons

CERTIFICATION:

Shelly Rowner

DATE:

8/12/19

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2018 Quarterly Analytical Summary

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter
Volatile Organic Compounds (mg/L)				3/29/2019	6/26/2019
D029	1,1-Dichloroethene	0.70	5	<0.70	<0.20
D028	1,2-Dichloroethane (EDC)	0.50	10	<0.50	<0.20
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.20
D035	2-Butanone (MEK)	200		<200	<0.20
D018	Benzene	0.50	10	<0.50	<0.50
D019	Carbon Tetrachloride	0.50	10	<0.50	<0.20
D021	Chlorobenzene	100		<100	<0.20
D022	Chloroform	6.0	100	<6.0	<0.20
D033	Hexachlorobutadiene	0.50		<0.50	<0.20
D039	Tetrachloroethene (PCE)	0.70	20	<0.70	<0.20
D040	Trichloroethene (TCE)	0.50	100	<0.50	<0.20
D043	Vinyl chloride	0.20	1	<0.20	<0.20
Semi-Volatile Organic Compounds (mg/L)					
D027	1,4-Dichlorobenzene	7.5		<7.5	<0.050
D041	2,4,5-Trichlorophenol	400		<400	<0.050
D042	2,4,6-Trichlorophenol	2.0		<2.0	<0.050
D030	2,4-Dinitrotoluene	0.13		<0.13	<0.050
D023	2-Methylphenol (o-Cresol)	200		<200	0.067
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200	0.260
D032	Hexachlorobenzene	0.13		<0.13	<0.050
D033	Hexachlorobutadiene	0.50		<0.50	<0.050
D034	Hexachloroethane	3.0		<3.0	<0.050
D036	Nitrobenzene	2.0		<2.0	<0.050
D037	Pentachlorophenol	100		<100	<0.100
D038	Pyridine	5.0		<5.0	<0.050
General Chemistry (mg/L unless otherwise stated)					
	Specific Conductance (umhos/cm)			4500	4800
	Bromide			4.2	4.0
	Chloride		250 *	1300	1100
	Fluoride			<10	<1.0
	Nitrate + Nitrite as N			<1.0	<2.0
	Phosphorus, Orthophosphate (As P)			<5.0	<5.0
	Sulfate		600 *	80	<5.0
	Total Dissolved Solids		10,000	3350	3410
	pH (pH Units)			6.72	4.9
	Bicarbonate (As CaCO3)			430.6	324.7
	Carbonate (As CaCO3)			<2.00	<2.00
	Total Alkalinity (as CaCO3)			430.6	327.7
	Oxidation-Reduction Potential (mV)			-45	27
	Specific Gravity			1.001	0.9985
Total Metals (mg/L)					
D004	Arsenic	5.0		<5.0	<0.020
D005	Barium	100		<100	0.52
D006	Cadmium	1.0		<1.0	<0.0020
D007	Chromium	5.0		<5.0	<0.0060
D008	Lead	5.0		<5.0	<0.0050
D010	Selenium	1.0		<1.0	<0.050
D011	Silver	5.0		<5.0	<0.0050
D009	Mercury	0.2	0.002	<0.020	<0.0010
Dissolved Metals (mg/L)					
	Calcium		0.01	110	130
	Magnesium			42	44
	Potassium			<20	14
	Sodium			790	830
Ignitability, Corrosivity, and Reactivity					
D003	Reactive Cyanide (mg/L)			<0.0050	<0.0050
D003	Reactive Sulfide (mg/L)			<0.050	0.17
D001	Ignitability (°F)	<140° F		>170	>170
D002	Corrosivity (pH Units)	≤ 2 or ≥ 12.5	6-9	6.7	4.98
Pesticides (mg/L)					
	Chlordane	0.03		<0.030	<0.005
Field Parameters					
	Temperature (°F)			65.5	25.8

Notes:

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

APPENDIX C

Analytical Laboratory Report



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

July 18, 2019

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX

RE: Injection Well 2 2Q2019

OrderNo.: 1907177

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/27/2019 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 1907177

Date Reported: 7/18/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	0.9985	0			1	7/12/2019 10:56:00 AM	R61344
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	1.0		mg/L	10	7/11/2019 2:24:38 AM	A61309
Chloride	1100	50	*	mg/L	100	7/11/2019 2:36:58 AM	A61309
Bromide	4.0	1.0		mg/L	10	7/11/2019 2:24:38 AM	A61309
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	7/11/2019 2:24:38 AM	A61309
Sulfate	ND	5.0		mg/L	10	7/11/2019 2:24:38 AM	A61309
Nitrate+Nitrite as N	ND	2.0		mg/L	10	7/12/2019 4:18:51 AM	A61341
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	4800	5.0		µmhos/c	1	7/9/2019 6:24:57 PM	R61255
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO3)	324.7	20.00		mg/L Ca	1	7/9/2019 6:24:57 PM	R61255
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	7/9/2019 6:24:57 PM	R61255
Total Alkalinity (as CaCO3)	324.7	20.00		mg/L Ca	1	7/9/2019 6:24:57 PM	R61255
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: CJS
Total Dissolved Solids	3410	100	*D	mg/L	1	7/9/2019 2:54:00 PM	45992
SM4500-H+B / 9040C: PH							Analyst: JRR
pH	4.90		H	pH units	1	7/9/2019 6:24:57 PM	R61255
EPA METHOD 7470: MERCURY							Analyst: rde
Mercury	ND	0.0010		mg/L	5	7/8/2019 4:50:55 PM	46042
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: ELS
Arsenic	ND	0.020		mg/L	1	7/11/2019 8:36:56 AM	46098
Barium	0.52	0.020		mg/L	1	7/11/2019 8:36:56 AM	46098
Cadmium	ND	0.0020		mg/L	1	7/11/2019 8:36:56 AM	46098
Calcium	130	5.0		mg/L	5	7/11/2019 8:42:45 AM	46098
Chromium	ND	0.0060		mg/L	1	7/11/2019 8:36:56 AM	46098
Lead	ND	0.0050		mg/L	1	7/11/2019 8:36:56 AM	46098
Magnesium	44	1.0		mg/L	1	7/11/2019 8:36:56 AM	46098
Potassium	14	1.0		mg/L	1	7/11/2019 8:36:56 AM	46098
Selenium	ND	0.050		mg/L	1	7/11/2019 8:36:56 AM	46098
Silver	ND	0.0050		mg/L	1	7/11/2019 8:36:56 AM	46098
Sodium	830	10		mg/L	10	7/11/2019 8:58:43 AM	46098
EPA METHOD 8081: PESTICIDES							Analyst: JME
4,4'-DDD	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
4,4'-DDE	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1907177

Date Reported: 7/18/2019

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES							Analyst: JME
4,4'-DDT	ND	0.62	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Aldrin	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
alpha-BHC	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
beta-BHC	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Chlordane	ND	5.0	D	µg/L	1	7/8/2019 6:24:53 PM	45989
delta-BHC	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Dieldrin	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Endosulfan I	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Endosulfan II	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Endosulfan sulfate	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Endrin	ND	0.62	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Endrin aldehyde	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
gamma-BHC	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Heptachlor	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Heptachlor epoxide	ND	0.50	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Methoxychlor	ND	0.62	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Toxaphene	ND	5.0	D	µg/L	1	7/8/2019 6:24:53 PM	45989
Surr: Decachlorobiphenyl	54.3	29.4-99.8	D	%Rec	1	7/8/2019 6:24:53 PM	45989
Surr: Tetrachloro-m-xylene	51.3	20.7-100	D	%Rec	1	7/8/2019 6:24:53 PM	45989
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
Acenaphthene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Acenaphthylene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Aniline	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Anthracene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Azobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benz(a)anthracene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzo(a)pyrene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzo(b)fluoranthene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzo(g,h,i)perylene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzo(k)fluoranthene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzoic acid	270	100		µg/L	1	7/13/2019 6:04:51 PM	46000
Benzyl alcohol	590	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Bis(2-chloroethyl)ether	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4-Bromophenyl phenyl ether	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Butyl benzyl phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Carbazole	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000

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 Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL	Practical Quantitative Limit	RL Reporting Limit
S	% Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1907177

Date Reported: 7/18/2019

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4-Chloroaniline	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Chloronaphthalene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Chlorophenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Chrysene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Di-n-butyl phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Di-n-octyl phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Dibenz(a,h)anthracene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Dibenzofuran	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
1,2-Dichlorobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
1,3-Dichlorobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
1,4-Dichlorobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
3,3'-Dichlorobenzidine	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Diethyl phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Dimethyl phthalate	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4-Dichlorophenol	ND	100		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4-Dimethylphenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4-Dinitrophenol	ND	100		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4-Dinitrotoluene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2,6-Dinitrotoluene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Fluoranthene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Fluorene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Hexachlorobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Hexachlorobutadiene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Hexachlorocyclopentadiene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Hexachloroethane	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Isophorone	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
1-Methylnaphthalene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Methylnaphthalene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Methylphenol	67	50		µg/L	1	7/13/2019 6:04:51 PM	46000
3+4-Methylphenol	260	50		µg/L	1	7/13/2019 6:04:51 PM	46000
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
N-Nitrosodimethylamine	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
N-Nitrosodiphenylamine	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Naphthalene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Nitroaniline	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000

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 Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL	Practical Quantitative Limit	RL Reporting Limit
S	% Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1907177

Date Reported: 7/18/2019

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
3-Nitroaniline	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4-Nitroaniline	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Nitrobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2-Nitrophenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
4-Nitrophenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Pentachlorophenol	ND	100		µg/L	1	7/13/2019 6:04:51 PM	46000
Phenanthrene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Phenol	92	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Pyrene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Pyridine	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
1,2,4-Trichlorobenzene	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/13/2019 6:04:51 PM	46000
Surr: 2-Fluorophenol	59.6	15-101		%Rec	1	7/13/2019 6:04:51 PM	46000
Surr: Phenol-d5	50.6	15-84.6		%Rec	1	7/13/2019 6:04:51 PM	46000
Surr: 2,4,6-Tribromophenol	89.7	27.8-112		%Rec	1	7/13/2019 6:04:51 PM	46000
Surr: Nitrobenzene-d5	86.1	33-113		%Rec	1	7/13/2019 6:04:51 PM	46000
Surr: 2-Fluorobiphenyl	68.1	26.6-107		%Rec	1	7/13/2019 6:04:51 PM	46000
Surr: 4-Terphenyl-d14	80.9	18.7-148		%Rec	1	7/13/2019 6:04:51 PM	46000
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	0.50		mg/L	200	7/8/2019 12:22:38 PM	R61231
Toluene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Ethylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Methyl tert-butyl ether (MTBE)	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2,4-Trimethylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,3,5-Trimethylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2-Dichloroethane (EDC)	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2-Dibromoethane (EDB)	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Naphthalene	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
1-Methylnaphthalene	ND	0.80		mg/L	200	7/8/2019 12:22:38 PM	R61231
2-Methylnaphthalene	ND	0.80		mg/L	200	7/8/2019 12:22:38 PM	R61231
Acetone	ND	2.0		mg/L	200	7/8/2019 12:22:38 PM	R61231
Bromobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Bromodichloromethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Bromoform	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Bromomethane	ND	0.60		mg/L	200	7/8/2019 12:22:38 PM	R61231
2-Butanone	ND	2.0		mg/L	200	7/8/2019 12:22:38 PM	R61231
Carbon disulfide	ND	2.0		mg/L	200	7/8/2019 12:22:38 PM	R61231
Carbon Tetrachloride	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231

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

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

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

Analytical Report

Lab Order 1907177

Date Reported: 7/18/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Chlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Chloroethane	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
Chloroform	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Chloromethane	ND	0.60		mg/L	200	7/8/2019 12:22:38 PM	R61231
2-Chlorotoluene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
4-Chlorotoluene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
cis-1,2-DCE	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
cis-1,3-Dichloropropene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2-Dibromo-3-chloropropane	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
Dibromochloromethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Dibromomethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2-Dichlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,3-Dichlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,4-Dichlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Dichlorodifluoromethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1-Dichloroethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1-Dichloroethene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2-Dichloropropane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,3-Dichloropropane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
2,2-Dichloropropane	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1-Dichloropropene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Hexachlorobutadiene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
2-Hexanone	ND	2.0		mg/L	200	7/8/2019 12:22:38 PM	R61231
Isopropylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
4-Isopropyltoluene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
4-Methyl-2-pentanone	ND	2.0		mg/L	200	7/8/2019 12:22:38 PM	R61231
Methylene Chloride	ND	0.60		mg/L	200	7/8/2019 12:22:38 PM	R61231
n-Butylbenzene	ND	0.60		mg/L	200	7/8/2019 12:22:38 PM	R61231
n-Propylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
sec-Butylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Styrene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
tert-Butylbenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1,1,2-Tetrachloroethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1,2,2-Tetrachloroethane	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
Tetrachloroethene (PCE)	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
trans-1,2-DCE	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
trans-1,3-Dichloropropene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2,3-Trichlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2,4-Trichlorobenzene	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231

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

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

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

Analytical Report

Lab Order 1907177

Date Reported: 7/18/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 2Q2019

Collection Date: 6/26/2019 9:30:00 AM

Lab ID: 1907177-001

Matrix: AQUEOUS

Received Date: 6/27/2019 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,1,1-Trichloroethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,1,2-Trichloroethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Trichloroethene (TCE)	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Trichlorofluoromethane	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
1,2,3-Trichloropropane	ND	0.40		mg/L	200	7/8/2019 12:22:38 PM	R61231
Vinyl chloride	ND	0.20		mg/L	200	7/8/2019 12:22:38 PM	R61231
Xylenes, Total	ND	0.30		mg/L	200	7/8/2019 12:22:38 PM	R61231
Surr: 1,2-Dichloroethane-d4	92.0	70-130		%Rec	200	7/8/2019 12:22:38 PM	R61231
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	200	7/8/2019 12:22:38 PM	R61231
Surr: Dibromofluoromethane	93.9	70-130		%Rec	200	7/8/2019 12:22:38 PM	R61231
Surr: Toluene-d8	96.1	70-130		%Rec	200	7/8/2019 12:22:38 PM	R61231

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

1907177-001F INJECTION WELL WD #2

Collected date/time: 06/26/19 09:30

SAMPLE RESULTS - 01

L1116596

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	mg/l		mg/l			
	ND		0.00500	1	07/10/2019 15:21	WG1308665

Wet Chemistry by Method 4500H+ B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Corrosivity by pH	su					
	4.98	TS	1		07/10/2019 16:35	WG1309128

Sample Narrative:

L1116596-01 WG1309128: 4.98 at 23.3C

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	mg/l		mg/l			
	0.171		0.0500	1	07/12/2019 17:23	WG1309526

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Flashpoint	deg F					
	DNF at 170	TS	1		07/12/2019 10:41	WG1310214

Tc

Ss

Cn

Sr

Qc

GI

Al

Sc

1907177-001G INJECTION WELL WD #2

Collected date/time: 06/26/19 09:30

SAMPLE RESULTS - 02

L1116596

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	mV 27.0	<u>TS</u>	1	07/13/2019 10:12	<u>WG1310279</u>

⁹Tc³Ss⁴Cn⁵Sr⁵Qc⁷Gl

Al

²Sc

WG1310279

Wet Chemistry by Method 2550

QUALITY CONTROL SUMMARY

L1116596-02

ONE LAB. NATIONWIDE

L1114999-02 Original Sample (OS) - Duplicate (DUP)

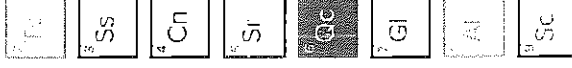
(OS) L1114999-02 07/13/19 10:12 - (DUP) R3430311-2 07/13/19 10:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
ORP	mV 50.0	mV 54.0	1	% 7.69		% 20

Laboratory Control Sample (LCS)

(LCS) R3430311-1 07/13/19 10:12

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
ORP	mV 228	mV 228	% 100	% 95.7-104	



ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L1116596

DATE/TIME:
07/16/19 09:34

WG1308665

Wet Chemistry by Method 4500 CN E-2011

QUALITY CONTROL SUMMARY

L1116596-01

ONE LAB. NATIONWIDE



Method Blank (MB)

(MB) R3429367-1 07/10/19 14:44

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

L1114149-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1114149-01 07/10/19 15:10 • (DUP) R3429367-5 07/10/19 15:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	U	0.00398	1	15.7	J	20

Laboratory Control Sample (LCS)

(LCS) R3429367-2 07/10/19 14:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.101	101	85.0-115	

L1113059-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1113059-02 07/10/19 14:52 • (MS) R3429367-3 07/10/19 14:53 • (MSD) R3429367-4 07/10/19 14:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	0.00946	0.0958	0.0699	86.3	1	75.0-125	J3 J6	J3 J6	31.3	20

L1114943-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1114943-01 07/10/19 15:14 • (MS) R3429367-6 07/10/19 15:15 • (MSD) R3429367-7 07/10/19 15:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0834	0.0694	83.4	1	75.0-125	J5	J5	18.3	20

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L1116596

DATE/TIME:

07/16/19 09:34

QUALITY CONTROL SUMMARY

WG1309128
Wet Chemistry by Method 4500H+ B-2011
Laboratory Control Sample (LCS)

L1116596-01

(LCS) R3429403-1 07/10/19 16:35

Analyte	Spike Amount		LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	%				
Corrosivity by pH	10.0	9.92		99.2	99.0-101	

Sample Narrative:
LCS: 9.92 at 23.3C

1Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

WG1309526

Wet Chemistry by Method 9034-9030B

Method Blank (MB)

(MB) R3430241-1 07/12/19 17:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.00650	0.0500

L1117654-01 Original Sample (OS) - Duplicate (DUP)

(OS) L1117654-01 07/12/19 17:26 - (DUP) R3430241-6 07/12/19 17:27

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

Laboratory Control Sample (LCS)

(LCS) R3430241-2 07/12/19 17:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.472	94.4	85.0-115	

QUALITY CONTROL SUMMARY

L1116596-01

ONE LAB. NATIONWIDE



ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L1116596

DATE/TIME:
07/16/19 09:34

1 TC

3 SS

4 Ch

5 Sl

6 Qc

7 Gl

8 Al

9 Sc

WG1310214

Wet Chemistry by Method D93/1010A

L1117283-01 Original Sample (OS) • Duplicate (DUP)

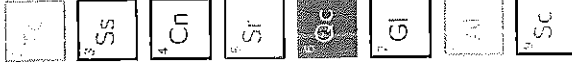
(OS) L1117283-01 07/12/19 10:41 • (DUP) R3430031-2 07/12/19 10:41

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

Laboratory Control Sample (LCS)

(LCS) R3430031-1 07/12/19 10:41

Analyte	Spike Amount		LCS Result		LCS Rec.		Rec. Limits		LCS Qualifier	
	deg F	82.0	deg F	83.9	%	102	%	96.0-104		
Flashpoint										



QUALITY CONTROL SUMMARY

L1115596-01

ONE LAB. NATIONWIDE.

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L1115596

DATE/TIME:

07/16/19 09:34



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.

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

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

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	EB7487	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	GB-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,5}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

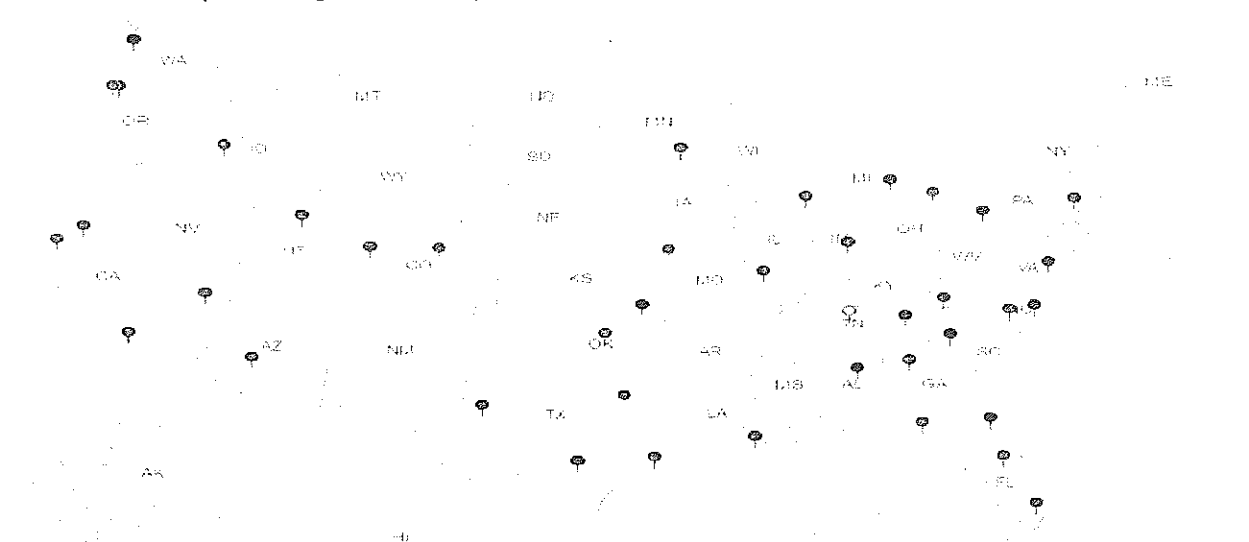
Third Party Federal Accreditations

AZLA - ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
AZLA - ISO 17025 ⁵	1461.02	DOO	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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: A61309	RunNo: 61309								
Prep Date:	Analysis Date: 7/10/2019	SeqNo: 2078314 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: A61309	RunNo: 61309								
Prep Date:	Analysis Date: 7/10/2019	SeqNo: 2078315 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.52	0.10	0.5000	0	103	90	110			
Chloride	4.9	0.50	5.000	0	97.4	90	110			
Bromide	2.5	0.10	2.500	0	99.1	90	110			
Phosphorus, Orthophosphate (As P	4.9	0.50	5.000	0	98.4	90	110			
Sulfate	10	0.50	10.00	0	101	90	110			

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: A61341	RunNo: 61341								
Prep Date:	Analysis Date: 7/11/2019	SeqNo: 2079302 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: A61341	RunNo: 61341								
Prep Date:	Analysis Date: 7/11/2019	SeqNo: 2079303 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	3.6	0.20	3.500	0	102	90	110			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-45989	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES								
Client ID: PBW	Batch ID: 45989	RunNo: 61225								
Prep Date: 7/3/2019	Analysis Date: 7/8/2019	SeqNo: 2075520 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.10								
4,4'-DDE	ND	0.10								
4,4'-DDT	ND	0.12								
Aldrin	ND	0.10								
alpha-BHC	ND	0.10								
beta-BHC	ND	0.10								
Chlordane	ND	1.0								
delta-BHC	ND	0.10								
Dieldrin	ND	0.10								
Endosulfan I	ND	0.10								
Endosulfan II	ND	0.10								
Endosulfan sulfate	ND	0.10								
Endrin	ND	0.12								
Endrin aldehyde	ND	0.10								
gamma-BHC	ND	0.10								
Heptachlor	ND	0.10								
Heptachlor epoxide	ND	0.10								
Methoxychlor	ND	0.12								
Toxaphene	ND	1.0								
Surr: Decachlorobiphenyl	1.7		2.500		67.0	29.4	99.8			
Surr: Tetrachloro-m-xylene	1.4		2.500		54.3	20.7	100			

Sample ID: LCS-45989	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES								
Client ID: LCSW	Batch ID: 45989	RunNo: 61225								
Prep Date: 7/3/2019	Analysis Date: 7/8/2019	SeqNo: 2075521 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.20	0.10	0.5000	0	39.8	48.8	145			S
4,4'-DDE	0.23	0.10	0.5000	0	46.0	48.5	139			S
4,4'-DDT	0.22	0.12	0.5000	0	43.4	44.7	138			S
Aldrin	0.20	0.10	0.5000	0	40.5	29.4	145			
alpha-BHC	0.21	0.10	0.5000	0	41.6	45.4	146			S
beta-BHC	0.23	0.10	0.5000	0	45.0	54.6	146			S
delta-BHC	0.22	0.10	0.5000	0	44.6	51.6	141			S
Dieldrin	0.22	0.10	0.5000	0	44.1	42.7	151			
Endosulfan I	0.21	0.10	0.5000	0	41.4	35.8	132			
Endosulfan II	0.21	0.10	0.5000	0	41.9	43.7	129			S
Endosulfan sulfate	0.24	0.10	0.5000	0	48.6	46.2	148			
Endrin	0.26	0.12	0.5000	0	52.5	51.8	142			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: LCS-45989	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES								
Client ID: LCSW	Batch ID: 45989	RunNo: 61225								
Prep Date: 7/3/2019	Analysis Date: 7/8/2019	SeqNo: 2075521 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Endrin aldehyde	0.21	0.10	0.5000	0	42.7	32.7	158			
gamma-BHC	0.22	0.10	0.5000	0	43.1	45.9	146			S
Heptachlor	0.21	0.10	0.5000	0	42.1	33.1	147			
Heptachlor epoxide	0.22	0.10	0.5000	0	44.4	49.9	144			S
Methoxychlor	0.23	0.12	0.5000	0	46.5	15	198			
Surr: Decachlorobiphenyl	1.2		2.500		48.6	29.4	99.8			
Surr: Tetrachloro-m-xylene	1.0		2.500		40.9	20.7	100			

Sample ID: LCSD-45989	SampType: LCSD	TestCode: EPA Method 8081: PESTICIDES								
Client ID: LCSS02	Batch ID: 45989	RunNo: 61225								
Prep Date: 7/3/2019	Analysis Date: 7/8/2019	SeqNo: 2075522 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.43	0.10	0.5000	0	86.8	48.8	145	74.3	26.4	R
4,4'-DDE	0.44	0.10	0.5000	0	88.1	48.5	139	62.8	25.3	R
4,4'-DDT	0.40	0.12	0.5000	0	80.9	44.7	138	60.3	31	R
Aldrin	0.38	0.10	0.5000	0	76.2	29.4	145	61.3	22.4	R
alpha-BHC	0.40	0.10	0.5000	0	79.7	45.4	146	62.8	11.8	R
beta-BHC	0.43	0.10	0.5000	0	86.1	54.6	146	62.7	43.2	R
delta-BHC	0.43	0.10	0.5000	0	86.6	51.6	141	64.0	9.62	R
Dieldrin	0.42	0.10	0.5000	0	84.9	42.7	151	63.3	37.9	R
Endosulfan I	0.39	0.10	0.5000	0	77.5	35.8	132	60.8	44.1	R
Endosulfan II	0.40	0.10	0.5000	0	80.3	43.7	129	62.8	19.3	R
Endosulfan sulfate	0.47	0.10	0.5000	0	93.3	46.2	148	63.0	17.6	R
Endrin	0.45	0.12	0.5000	0	90.5	51.8	142	53.2	21.3	R
Endrin aldehyde	0.41	0.10	0.5000	0	81.4	32.7	158	62.4	15.7	R
gamma-BHC	0.41	0.10	0.5000	0	82.1	45.9	146	62.2	21.6	R
Heptachlor	0.40	0.10	0.5000	0	79.3	33.1	147	61.3	25.7	R
Heptachlor epoxide	0.43	0.10	0.5000	0	85.0	49.9	144	62.8	12.8	R
Methoxychlor	0.44	0.12	0.5000	0	88.0	15	198	61.7	32.3	R
Surr: Decachlorobiphenyl	2.2		2.500		86.2	29.4	99.8	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		63.9	20.7	100	0	20	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: VOLATILES								
Client ID: LCSW	Batch ID: R61231	RunNo: 61231								
Prep Date:	Analysis Date: 7/8/2019	SeqNo: 2075765 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.3	70	130			
Toluene	18	1.0	20.00	0	88.6	70	130			
Chlorobenzene	18	1.0	20.00	0	91.4	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	86.7	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	85.0	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		89.8	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.3	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.3	70	130			
Surr: Toluene-d8	9.1		10.00		91.4	70	130			

Sample ID: 1907177-001ams		SampType: MS		TestCode: EPA Method 8260B: VOLATILES						
Client ID: Injection Well WD#2		Batch ID: R61231		RunNo: 61231						
Prep Date:		Analysis Date: 7/8/2019		SeqNo: 2075802		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.7	0.20	4.000	0	93.1	70	130			
Toluene	3.6	0.20	4.000	0	91.1	70	130			
Chlorobenzene	3.6	0.20	4.000	0	89.1	70	130			
1,1-Dichloroethene	3.6	0.20	4.000	0	90.4	67.6	130			
Trichloroethene (TCE)	3.7	0.20	4.000	0	92.3	70	130			
Surr: 1,2-Dichloroethane-d4	1.9		2.000		93.4	70	130			
Surr: 4-Bromofluorobenzene	1.9		2.000		97.4	70	130			
Surr: Dibromofluoromethane	1.9		2.000		95.9	70	130			
Surr: Toluene-d8	1.9		2.000		93.6	70	130			

Sample ID: 1907177-001amsd		SampType: MSD		TestCode: EPA Method 8260B: VOLATILES						
Client ID: Injection Well WD#2		Batch ID: R61231		RunNo: 61231						
Prep Date:		Analysis Date: 7/8/2019		SeqNo: 2075803		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.5	0.20	4.000	0	88.6	70	130	4.89	20	
Toluene	3.6	0.20	4.000	0	88.9	70	130	2.43	20	
Chlorobenzene	3.6	0.20	4.000	0	90.4	70	130	1.43	20	
1,1-Dichloroethene	3.4	0.20	4.000	0	85.0	67.6	130	6.15	20	
Trichloroethene (TCE)	3.4	0.20	4.000	0	86.1	70	130	6.98	20	
Surr: 1,2-Dichloroethane-d4	1.8		2.000		88.2	70	130	0	0	
Surr: 4-Bromofluorobenzene	2.0		2.000		99.1	70	130	0	0	
Surr: Dibromofluoromethane	1.8		2.000		92.1	70	130	0	0	
Surr: Toluene-d8	1.9		2.000		93.4	70	130	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: rb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R61231	RunNo: 61231								
Prep Date:	Analysis Date: 7/8/2019	SeqNo: 2075805	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: rb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R61231	RunNo: 61231								
Prep Date:	Analysis Date: 7/8/2019	SeqNo: 2075805	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.2	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.2	70	130			
Surr: Toluene-d8	9.6		10.00		96.5	70	130			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: mb-46000	SampType: MBLK	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: PBW	Batch ID: 46000	RunNo: 61260								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076703	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	ND	10								
Acenaphthylene	ND	10								
Aniline	ND	10								
Anthracene	ND	10								
Azobenzene	ND	10								
Benz(a)anthracene	ND	10								
Benzo(a)pyrene	ND	10								
Benzo(b)fluoranthene	ND	10								
Benzo(g,h,i)perylene	ND	10								
Benzo(k)fluoranthene	ND	10								
Benzoic acid	ND	20								
Benzyl alcohol	ND	10								
Bis(2-chloroethoxy)methane	ND	10								
Bis(2-chloroethyl)ether	ND	10								
Bis(2-chloroisopropyl)ether	ND	10								
Bis(2-ethylhexyl)phthalate	ND	10								
4-Bromophenyl phenyl ether	ND	10								
Butyl benzyl phthalate	ND	10								
Carbazole	ND	10								
4-Chloro-3-methylphenol	ND	10								
4-Chloroaniline	ND	10								
2-Chloronaphthalene	ND	10								
2-Chlorophenol	ND	10								
4-Chlorophenyl phenyl ether	ND	10								
Chrysene	ND	10								
Di-n-butyl phthalate	ND	10								
Di-n-octyl phthalate	ND	10								
Dibenz(a,h)anthracene	ND	10								
Dibenzofuran	ND	10								
1,2-Dichlorobenzene	ND	10								
1,3-Dichlorobenzene	ND	10								
1,4-Dichlorobenzene	ND	10								
3,3'-Dichlorobenzidine	ND	10								
Diethyl phthalate	ND	10								
Dimethyl phthalate	ND	10								
2,4-Dichlorophenol	ND	20								
2,4-Dimethylphenol	ND	10								
4,6-Dinitro-2-methylphenol	ND	20								
2,4-Dinitrophenol	ND	20								

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: mb-46000	SampType: MBLK	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: PBW	Batch ID: 46000	RunNo: 61260								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076703 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	ND	10								
2,6-Dinitrotoluene	ND	10								
Fluoranthene	ND	10								
Fluorene	ND	10								
Hexachlorobenzene	ND	10								
Hexachlorobutadiene	ND	10								
Hexachlorocyclopentadiene	ND	10								
Hexachloroethane	ND	10								
Indeno(1,2,3-cd)pyrene	ND	10								
Isophorone	ND	10								
1-Methylnaphthalene	ND	10								
2-Methylnaphthalene	ND	10								
2-Methylphenol	ND	10								
3+4-Methylphenol	ND	10								
N-Nitrosodi-n-propylamine	ND	10								
N-Nitrosodimethylamine	ND	10								
N-Nitrosodiphenylamine	ND	10								
Naphthalene	ND	10								
2-Nitroaniline	ND	10								
3-Nitroaniline	ND	10								
4-Nitroaniline	ND	10								
Nitrobenzene	ND	10								
2-Nitrophenol	ND	10								
4-Nitrophenol	ND	10								
Pentachlorophenol	ND	20								
Phenanthrene	ND	10								
Phenol	ND	10								
Pyrene	ND	10								
Pyridine	ND	10								
1,2,4-Trichlorobenzene	ND	10								
2,4,5-Trichlorophenol	ND	10								
2,4,6-Trichlorophenol	ND	10								
Surr: 2-Fluorophenol	95		200.0		47.4	15	101			
Surr: Phenol-d5	79		200.0		39.6	15	84.6			
Surr: 2,4,6-Tribromophenol	130		200.0		66.1	27.8	112			
Surr: Nitrobenzene-d5	70		100.0		69.5	33	113			
Surr: 2-Fluorobiphenyl	60		100.0		59.7	26.6	107			
Surr: 4-Terphenyl-d14	65		100.0		64.9	18.7	148			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: Ics-46000	SampType: LCS	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: LCSW	Batch ID: 46000	RunNo: 61260								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076704 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	80	10	100.0	0	80.5	32.2	94			
4-Chloro-3-methylphenol	70	10	100.0	0	70.2	37.7	101			
2-Chlorophenol	75	10	100.0	0	75.2	32.6	90.1			
1,4-Dichlorobenzene	43	10	100.0	0	42.8	30	87.2			
2,4-Dinitrotoluene	65	10	100.0	0	64.5	35.9	85.8			
N-Nitrosodi-n-propylamine	67	10	100.0	0	67.4	37.1	108			
4-Nitrophenol	36	10	100.0	0	36.1	22.4	86.6			
Pentachlorophenol	53	20	100.0	0	53.0	31.6	91			
Phenol	43	10	100.0	0	42.8	21.7	84.9			
Pyrene	79	10	100.0	0	78.9	46.3	103			
1,2,4-Trichlorobenzene	57	10	100.0	0	57.5	30.2	88.3			
Surr: 2-Fluorophenol	160		300.0		54.7	15	101			
Surr: Phenol-d5	130		300.0		41.9	15	84.6			
Surr: 2,4,6-Tribromophenol	200		300.0		67.7	27.8	112			
Surr: Nitrobenzene-d5	170		200.0		85.9	33	113			
Surr: 2-Fluorobiphenyl	140		200.0		71.6	26.6	107			
Surr: 4-Terphenyl-d14	140		200.0		68.8	18.7	148			

Sample ID: Icsd-46000	SampType: LCSD	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: LCSS02	Batch ID: 46000	RunNo: 61260								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076705 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	55	10	100.0	0	55.0	32.2	102	37.5	32.9	R
4-Chloro-3-methylphenol	61	10	100.0	0	61.0	37.7	111	14.1	29.9	
2-Chlorophenol	58	10	100.0	0	58.2	32.6	102	25.4	28.5	
1,4-Dichlorobenzene	27	10	100.0	0	27.1	15	93.4	44.8	44.9	
2,4-Dinitrotoluene	58	10	100.0	0	57.6	35.9	93.4	11.3	28.5	
N-Nitrosodi-n-propylamine	60	10	100.0	0	60.0	37.1	112	11.6	29.9	
4-Nitrophenol	36	10	100.0	0	36.4	15	86.6	0.828	68	
Pentachlorophenol	54	20	100.0	0	54.2	31.6	91	2.35	39.5	
Phenol	34	10	100.0	0	34.0	15	84.9	23.0	44.2	
Pyrene	77	10	100.0	0	76.7	46.3	103	2.85	23.8	
1,2,4-Trichlorobenzene	31	10	100.0	0	30.9	15.7	103	60.2	38	R
Surr: 2-Fluorophenol	120		300.0		38.6	15	101	0	0	
Surr: Phenol-d5	95		300.0		31.7	15	84.6	0	0	
Surr: 2,4,6-Tribromophenol	190		300.0		63.9	27.8	112	0	0	
Surr: Nitrobenzene-d5	120		200.0		58.2	33	113	0	0	
Surr: 2-Fluorobiphenyl	99		200.0		49.5	26.6	107	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: Icsd-46000	SampType: LCSD	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: LCSS02	Batch ID: 46000	RunNo: 61260								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076705							Units: µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	140		200.0		69.2	18.7	148	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: Ics-1 99.8uS eC	SampType: Ics	TestCode: SM2510B: Specific Conductance								
Client ID: LCSW	Batch ID: R61255	RunNo: 61255								
Prep Date:	Analysis Date: 7/9/2019	SeqNo: 2076410 Units: µmhos/cm								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	5.0	99.80	0	99.8	85	115			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-46042	SampType: MBLK	TestCode: EPA Method 7470: Mercury
Client ID: PBW	Batch ID: 46042	RunNo: 61213
Prep Date: 7/8/2019	Analysis Date: 7/8/2019	SeqNo: 2075003 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND	0.00020

Sample ID: LCS-46042	SampType: LCS	TestCode: EPA Method 7470: Mercury
Client ID: LCSW	Batch ID: 46042	RunNo: 61213
Prep Date: 7/8/2019	Analysis Date: 7/8/2019	SeqNo: 2075006 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0041	0.00020 0.005000 0 82.3 80 120

Sample ID: 1907177-001DMS	SampType: MS	TestCode: EPA Method 7470: Mercury
Client ID: Injection Well WD#2	Batch ID: 46042	RunNo: 61213
Prep Date: 7/8/2019	Analysis Date: 7/8/2019	SeqNo: 2075018 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0042	0.0010 0.005000 0 83.2 75 125

Sample ID: 1907177-001DMSD	SampType: MSD	TestCode: EPA Method 7470: Mercury
Client ID: Injection Well WD#2	Batch ID: 46042	RunNo: 61213
Prep Date: 7/8/2019	Analysis Date: 7/8/2019	SeqNo: 2075019 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0042	0.0010 0.005000 0 84.7 75 125 1.78 20

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-46098	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 46098	RunNo: 61304								
Prep Date: 7/10/2019	Analysis Date: 7/11/2019	SeqNo: 2078010 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.0050								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Selenium	ND	0.050								
Silver	ND	0.0050								
Sodium	ND	1.0								

Sample ID: LCS-46098	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 46098	RunNo: 61304								
Prep Date: 7/10/2019	Analysis Date: 7/11/2019	SeqNo: 2078011 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.50	0.020	0.5000	0	101	80	120			
Barium	0.47	0.020	0.5000	0	94.3	80	120			
Cadmium	0.48	0.0020	0.5000	0	96.9	80	120			
Calcium	50	1.0	50.00	0	99.1	80	120			
Chromium	0.48	0.0060	0.5000	0	95.6	80	120			
Lead	0.47	0.0050	0.5000	0	94.9	80	120			
Magnesium	51	1.0	50.00	0	101	80	120			
Potassium	51	1.0	50.00	0	102	80	120			
Selenium	0.45	0.050	0.5000	0	90.6	80	120			
Silver	0.10	0.0050	0.1000	0	101	80	120			
Sodium	51	1.0	50.00	0	102	80	120			

Sample ID: 1907177-001DMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well WD#2	Batch ID: 46098	RunNo: 61304								
Prep Date: 7/10/2019	Analysis Date: 7/11/2019	SeqNo: 2078014 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.50	0.020	0.5000	0	99.6	75	125			
Barium	0.98	0.020	0.5000	0.5248	91.2	75	125			
Cadmium	0.49	0.0020	0.5000	0	97.8	75	125			
Chromium	0.46	0.0060	0.5000	0	92.9	75	125			
Lead	0.46	0.0050	0.5000	0	91.2	75	125			
Magnesium	95	1.0	50.00	44.43	102	75	125			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1907177-001DMS		SampType: MS		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 46098		RunNo: 61304						
Prep Date: 7/10/2019		Analysis Date: 7/11/2019		SeqNo: 2078014		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Potassium	64	1.0	50.00	13.52	102	75	125			
Selenium	0.42	0.050	0.5000	0	83.4	75	125			
Silver	0.10	0.0050	0.1000	0	104	75	125			

Sample ID: 1907177-001DMSD		SampType: MSD		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 46098		RunNo: 61304						
Prep Date: 7/10/2019		Analysis Date: 7/11/2019		SeqNo: 2078015		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.48	0.020	0.5000	0	96.7	75	125	2.98	20	
Barium	0.98	0.020	0.5000	0.5248	91.1	75	125	0.0431	20	
Cadmium	0.49	0.0020	0.5000	0	98.4	75	125	0.634	20	
Chromium	0.47	0.0060	0.5000	0	93.2	75	125	0.332	20	
Lead	0.45	0.0050	0.5000	0	90.3	75	125	1.00	20	
Magnesium	95	1.0	50.00	44.43	101	75	125	0.602	20	
Potassium	65	1.0	50.00	13.52	102	75	125	0.420	20	
Selenium	0.43	0.050	0.5000	0	85.4	75	125	2.40	20	
Silver	0.10	0.0050	0.1000	0	104	75	125	0.132	20	

Sample ID: 1907177-001DMS		SampType: MS		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 46098		RunNo: 61304						
Prep Date: 7/10/2019		Analysis Date: 7/11/2019		SeqNo: 2078020		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	180	5.0	50.00	133.2	100	75	125			

Sample ID: 1907177-001DMSD		SampType: MSD		TestCode: EPA 6010B: Total Recoverable Metals						
Client ID: Injection Well WD#2		Batch ID: 46098		RunNo: 61304						
Prep Date: 7/10/2019		Analysis Date: 7/11/2019		SeqNo: 2078021		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	180	5.0	50.00	133.2	99.5	75	125	0.254	20	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: mb-1 alk	SampType: mbik	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R61255	RunNo: 61255
Prep Date:	Analysis Date: 7/9/2019	SeqNo: 2076376 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: R61255	RunNo: 61255
Prep Date:	Analysis Date: 7/9/2019	SeqNo: 2076377 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	76.28	20.00 80.00 0 95.4 90 110

Sample ID: mb-2 alk	SampType: mbik	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R61255	RunNo: 61255
Prep Date:	Analysis Date: 7/9/2019	SeqNo: 2076399 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: R61255	RunNo: 61255
Prep Date:	Analysis Date: 7/9/2019	SeqNo: 2076400 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	77.44	20.00 80.00 0 96.8 90 110

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: 1907177-001C DUP		SampType: DUP		TestCode: Specific Gravity						
Client ID: Injection Well WD#2		Batch ID: R61344		RunNo: 61344						
Prep Date:		Analysis Date: 7/12/2019		SeqNo: 2079466		Units:				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Specific Gravity	0.9999	0						0.140	20	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1907177

18-Jul-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 2Q2019

Sample ID: MB-45992	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 45992	RunNo: 61248								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076089 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-45992	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 45992	RunNo: 61248								
Prep Date: 7/3/2019	Analysis Date: 7/9/2019	SeqNo: 2076090 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	988	20.0	1000	0	98.8	80	120			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: Western Refining Southw

Work Order Number: 1907177

RcptNo: 1

Received By: Thom Maybee

6/27/2019 8:25:00 AM

Completed By: Leah Baca

7/3/2019 1:22:42 PM

Leah Baca

Reviewed By:

507.3.14

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
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:

020.2
<2 or >12 unless noted

Adjusted?

Checked by:

76 7/3/19

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	2.6	Good	Yes			
2	0.6	Good	Yes			
3	0.3	Good	Yes			
4	5.7	Good	Yes			

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- Eh;
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3); and,
- EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST			
EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

UICI-011 (WDW-2)
July 20, 2016

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B 8260B	0.5
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A 8270D	2.0
D043	Vinyl chloride	8021B 8260B	0.2

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level. If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
April 1st, 2019 – June 30th, 2019**

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/1/19 12:00 AM	0	44	775	119,596
4/1/18 12:30 AM	0	44	774	119,596
4/1/18 1:00 AM	0	44	774	119,596
4/1/18 1:30 AM	0	44	773	119,596
4/1/18 2:00 AM	0	44	772	119,596
4/1/18 2:30 AM	0	45	772	119,596
4/1/18 3:00 AM	0	45	771	119,596
4/1/18 3:30 AM	0	45	770	119,596
4/1/18 4:00 AM	0	45	770	119,596
4/1/18 4:30 AM	0	45	769	119,596
4/1/18 5:00 AM	0	46	769	119,596
4/1/18 5:30 AM	0	46	768	119,596
4/1/18 6:00 AM	0	46	768	119,596
4/1/18 6:30 AM	0	46	767	119,596
4/1/18 7:00 AM	0	46	767	119,596
4/1/18 7:30 AM	0	46	766	119,596
4/1/18 8:00 AM	0	47	766	119,596
4/1/18 8:30 AM	0	47	765	119,596
4/1/18 9:00 AM	0	47	765	119,596
4/1/18 9:30 AM	0	47	764	119,596
4/1/18 10:00 AM	0	47	764	119,596
4/1/18 10:30 AM	0	48	763	119,596
4/1/18 11:00 AM	0	48	762	119,596
4/1/18 11:30 AM	0	48	762	119,596
4/1/18 12:00 PM	0	48	761	119,596
4/1/18 12:30 PM	0	48	761	119,596
4/1/18 1:00 PM	0	49	760	119,596
4/1/18 1:30 PM	17	43	923	119,603
4/1/18 2:00 PM	15	27	969	119,614
4/1/18 2:30 PM	14	20	993	119,624
4/1/18 3:00 PM	15	15	1,008	119,634
4/1/18 3:30 PM	15	13	1,019	119,645
4/1/18 4:00 PM	14	11	1,024	119,654
4/1/18 4:30 PM	14	9	1,031	119,664
4/1/18 5:00 PM	14	8	1,039	119,674
4/1/18 5:30 PM	14	8	1,046	119,684
4/1/18 6:00 PM	14	7	1,052	119,693
4/1/18 6:30 PM	13	6	1,056	119,703
4/1/18 7:00 PM	13	6	1,060	119,713
4/1/18 7:30 PM	12	6	1,063	119,722
4/1/18 8:00 PM	12	5	1,066	119,732
4/1/18 8:30 PM	14	5	1,067	119,741
4/1/18 9:00 PM	13	5	1,069	119,750

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/1/18 9:30 PM	13	5	1,070	119,759
4/1/18 10:00 PM	13	5	1,073	119,768
4/1/18 10:30 PM	12	5	1,075	119,778
4/1/18 11:00 PM	12	4	1,077	119,787
4/1/18 11:30 PM	13	4	1,079	119,796
4/2/18 12:00 AM	13	4	1,082	119,805
4/2/18 12:30 AM	13	4	1,083	119,813
4/2/18 1:00 AM	11	4	1,084	119,822
4/2/18 1:30 AM	12	4	1,084	119,830
4/2/18 2:00 AM	13	4	1,086	119,839
4/2/18 2:30 AM	12	4	1,088	119,848
4/2/18 3:00 AM	14	4	1,090	119,857
4/2/18 3:30 AM	13	4	1,092	119,866
4/2/18 4:00 AM	12	4	1,095	119,875
4/2/18 4:30 AM	13	4	1,097	119,884
4/2/18 5:00 AM	13	4	1,099	119,892
4/2/18 5:30 AM	13	3	1,102	119,901
4/2/18 6:00 AM	12	3	1,103	119,910
4/2/18 6:30 AM	11	3	1,105	119,919
4/2/18 7:00 AM	13	3	1,106	119,928
4/2/18 7:30 AM	12	3	1,108	119,936
4/2/18 8:00 AM	13	3	1,110	119,945
4/2/18 8:30 AM	12	3	1,111	119,954
4/2/18 9:00 AM	11	3	1,113	119,962
4/2/18 9:30 AM	12	3	1,115	119,971
4/2/18 10:00 AM	13	3	1,116	119,980
4/2/18 10:30 AM	12	3	1,118	119,989
4/2/18 11:00 AM	18	3	1,145	119,998
4/2/18 11:30 AM	17	3	1,168	120,011
4/2/18 12:00 PM	17	2	1,178	120,023
4/2/18 12:30 PM	17	2	1,184	120,036
4/2/18 1:00 PM	19	2	1,189	120,048
4/2/18 1:30 PM	17	2	1,194	120,061
4/2/18 2:00 PM	17	2	1,197	120,073
4/2/18 2:30 PM	17	2	1,200	120,085
4/2/18 3:00 PM	18	2	1,203	120,097
4/2/18 3:30 PM	18	2	1,206	120,110
4/2/18 4:00 PM	18	2	1,210	120,122
4/2/18 4:30 PM	17	1	1,213	120,134
4/2/18 5:00 PM	17	1	1,215	120,146
4/2/18 5:30 PM	17	1	1,219	120,158
4/2/18 6:00 PM	16	1	1,223	120,171
4/2/18 6:30 PM	17	1	1,224	120,183

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/2/18 7:00 PM	16	1	1,227	120,195
4/2/18 7:30 PM	17	1	1,229	120,207
4/2/18 8:00 PM	18	1	1,231	120,219
4/2/18 8:30 PM	16	1	1,231	120,232
4/2/18 9:00 PM	17	1	1,232	120,244
4/2/18 9:30 PM	18	1	1,232	120,256
4/2/18 10:00 PM	18	1	1,235	120,269
4/2/18 10:30 PM	17	1	1,236	120,281
4/2/18 11:00 PM	17	1	1,237	120,293
4/2/18 11:30 PM	16	1	1,237	120,305
4/3/18 12:00 AM	17	1	1,238	120,317
4/3/18 12:30 AM	17	1	1,239	120,329
4/3/18 1:00 AM	16	1	1,240	120,341
4/3/18 1:30 AM	17	1	1,241	120,352
4/3/18 2:00 AM	17	1	1,242	120,364
4/3/18 2:30 AM	16	1	1,244	120,376
4/3/18 3:00 AM	17	1	1,245	120,388
4/3/18 3:30 AM	17	1	1,247	120,400
4/3/18 4:00 AM	17	1	1,249	120,412
4/3/18 4:30 AM	16	1	1,251	120,424
4/3/18 5:00 AM	16	1	1,253	120,436
4/3/18 5:30 AM	18	1	1,254	120,448
4/3/18 6:00 AM	17	1	1,256	120,460
4/3/18 6:30 AM	17	1	1,257	120,472
4/3/18 7:00 AM	17	1	1,258	120,484
4/3/18 7:30 AM	16	1	1,260	120,496
4/3/18 8:00 AM	17	1	1,260	120,508
4/3/18 8:30 AM	14	1	1,260	120,520
4/3/18 9:00 AM	15	1	1,260	120,531
4/3/18 9:30 AM	18	1	1,260	120,543
4/3/18 10:00 AM	16	1	1,262	120,555
4/3/18 10:30 AM	15	1	1,262	120,566
4/3/18 11:00 AM	17	1	1,263	120,578
4/3/18 11:30 AM	18	1	1,263	120,590
4/3/18 12:00 PM	16	1	1,264	120,601
4/3/18 12:30 PM	16	1	1,266	120,613
4/3/18 1:00 PM	16	1	1,267	120,625
4/3/18 1:30 PM	16	1	1,267	120,636
4/3/18 2:00 PM	16	1	1,267	120,648
4/3/18 2:30 PM	15	1	1,267	120,659
4/3/18 3:00 PM	16	1	1,267	120,670
4/3/18 3:30 PM	15	1	1,266	120,682
4/3/18 4:00 PM	16	1	1,267	120,693

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/3/18 4:30 PM	15	1	1,268	120,704
4/3/18 5:00 PM	15	1	1,268	120,715
4/3/18 5:30 PM	15	1	1,268	120,726
4/3/18 6:00 PM	16	1	1,269	120,737
4/3/18 6:30 PM	15	1	1,270	120,748
4/3/18 7:00 PM	16	1	1,271	120,759
4/3/18 7:30 PM	15	1	1,271	120,770
4/3/18 8:00 PM	15	1	1,272	120,781
4/3/18 8:30 PM	15	1	1,274	120,792
4/3/18 9:00 PM	16	1	1,276	120,803
4/3/18 9:30 PM	16	1	1,277	120,814
4/3/18 10:00 PM	15	1	1,277	120,825
4/3/18 10:30 PM	16	1	1,278	120,837
4/3/18 11:00 PM	17	1	1,280	120,848
4/3/18 11:30 PM	16	1	1,284	120,859
4/4/18 12:00 AM	17	1	1,286	120,870
4/4/18 12:30 AM	16	1	1,286	120,881
4/4/18 1:00 AM	16	1	1,287	120,893
4/4/18 1:30 AM	17	1	1,287	120,905
4/4/18 2:00 AM	16	1	1,288	120,917
4/4/18 2:30 AM	16	1	1,286	120,928
4/4/18 3:00 AM	16	1	1,286	120,940
4/4/18 3:30 AM	17	1	1,286	120,951
4/4/18 4:00 AM	15	1	1,286	120,963
4/4/18 4:30 AM	16	1	1,286	120,974
4/4/18 5:00 AM	15	1	1,286	120,985
4/4/18 5:30 AM	15	1	1,287	120,997
4/4/18 6:00 AM	15	1	1,287	121,008
4/4/18 6:30 AM	15	1	1,287	121,019
4/4/18 7:00 AM	15	1	1,287	121,030
4/4/18 7:30 AM	15	1	1,286	121,041
4/4/18 8:00 AM	16	1	1,285	121,052
4/4/18 8:30 AM	15	1	1,285	121,063
4/4/18 9:00 AM	14	1	1,285	121,073
4/4/18 9:30 AM	14	1	1,285	121,084
4/4/18 10:00 AM	14	1	1,287	121,094
4/4/18 10:30 AM	15	1	1,288	121,105
4/4/18 11:00 AM	16	1	1,288	121,116
4/4/18 11:30 AM	15	1	1,289	121,127
4/4/18 12:00 PM	15	1	1,289	121,137
4/4/18 12:30 PM	16	1	1,288	121,148
4/4/18 1:00 PM	15	1	1,288	121,159
4/4/18 1:30 PM	15	1	1,288	121,170

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/4/18 2:00 PM	14	1	1,288	121,180
4/4/18 2:30 PM	14	1	1,287	121,191
4/4/18 3:00 PM	16	1	1,288	121,201
4/4/18 3:30 PM	15	1	1,287	121,212
4/4/18 4:00 PM	14	1	1,290	121,223
4/4/18 4:30 PM	14	1	1,290	121,233
4/4/18 5:00 PM	15	1	1,290	121,244
4/4/18 5:30 PM	15	1	1,290	121,254
4/4/18 6:00 PM	15	1	1,288	121,265
4/4/18 6:30 PM	14	1	1,289	121,275
4/4/18 7:00 PM	15	1	1,289	121,286
4/4/18 7:30 PM	15	1	1,289	121,297
4/4/18 8:00 PM	14	1	1,289	121,307
4/4/18 8:30 PM	15	1	1,289	121,318
4/4/18 9:00 PM	14	1	1,290	121,328
4/4/18 9:30 PM	16	1	1,293	121,339
4/4/18 10:00 PM	15	1	1,294	121,350
4/4/18 10:30 PM	15	1	1,294	121,360
4/4/18 11:00 PM	15	1	1,296	121,371
4/4/18 11:30 PM	14	1	1,294	121,382
4/5/18 12:00 AM	14	1	1,293	121,392
4/5/18 12:30 AM	14	1	1,294	121,403
4/5/18 1:00 AM	14	1	1,293	121,413
4/5/18 1:30 AM	15	1	1,293	121,424
4/5/18 2:00 AM	15	1	1,293	121,434
4/5/18 2:30 AM	15	1	1,293	121,444
4/5/18 3:00 AM	16	1	1,292	121,455
4/5/18 3:30 AM	15	1	1,293	121,465
4/5/18 4:00 AM	15	1	1,293	121,476
4/5/18 4:30 AM	14	1	1,294	121,486
4/5/18 5:00 AM	14	1	1,295	121,497
4/5/18 5:30 AM	16	1	1,295	121,507
4/5/18 6:00 AM	14	1	1,296	121,518
4/5/18 6:30 AM	16	1	1,295	121,528
4/5/18 7:00 AM	14	1	1,296	121,539
4/5/18 7:30 AM	15	1	1,298	121,549
4/5/18 8:00 AM	14	1	1,295	121,560
4/5/18 8:30 AM	14	1	1,295	121,570
4/5/18 9:00 AM	14	1	1,295	121,581
4/5/18 9:30 AM	14	1	1,296	121,591
4/5/18 10:00 AM	15	1	1,295	121,601
4/5/18 10:30 AM	15	1	1,296	121,612
4/5/18 11:00 AM	14	1	1,298	121,622

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/5/18 11:30 AM	15	1	1,300	121,633
4/5/18 12:00 PM	14	1	1,300	121,643
4/5/18 12:30 PM	14	1	1,302	121,654
4/5/18 1:00 PM	0	1	1,195	121,662
4/5/18 1:30 PM	0	2	1,115	121,662
4/5/18 2:00 PM	0	2	1,084	121,662
4/5/18 2:30 PM	0	3	1,065	121,662
4/5/18 3:00 PM	0	4	1,050	121,662
4/5/18 3:30 PM	0	4	1,037	121,662
4/5/18 4:00 PM	0	5	1,027	121,662
4/5/18 4:30 PM	0	6	1,018	121,662
4/5/18 5:00 PM	0	6	1,010	121,662
4/5/18 5:30 PM	0	7	1,002	121,662
4/5/18 6:00 PM	0	7	995	121,662
4/5/18 6:30 PM	0	8	989	121,662
4/5/18 7:00 PM	0	9	983	121,662
4/5/18 7:30 PM	0	9	978	121,662
4/5/18 8:00 PM	0	10	972	121,662
4/5/18 8:30 PM	0	10	968	121,662
4/5/18 9:00 PM	0	11	963	121,662
4/5/18 9:30 PM	0	11	958	121,662
4/5/18 10:00 PM	0	11	954	121,662
4/5/18 10:30 PM	0	12	950	121,662
4/5/18 11:00 PM	0	12	946	121,662
4/5/18 11:30 PM	0	13	943	121,662
4/6/18 12:00 AM	0	13	939	121,662
4/6/18 12:30 AM	0	14	936	121,662
4/6/18 1:00 AM	0	14	932	121,662
4/6/18 1:30 AM	0	14	929	121,662
4/6/18 2:00 AM	0	15	926	121,662
4/6/18 2:30 AM	0	15	923	121,662
4/6/18 3:00 AM	0	16	921	121,662
4/6/18 3:30 AM	0	16	918	121,662
4/6/18 4:00 AM	0	16	915	121,662
4/6/18 4:30 AM	0	17	913	121,662
4/6/18 5:00 AM	0	17	910	121,662
4/6/18 5:30 AM	0	17	908	121,662
4/6/18 6:00 AM	0	18	906	121,662
4/6/18 6:30 AM	0	18	903	121,662
4/6/18 7:00 AM	0	18	901	121,662
4/6/18 7:30 AM	0	19	899	121,662
4/6/18 8:00 AM	0	19	897	121,662
4/6/18 8:30 AM	0	19	895	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/6/18 9:00 AM	0	20	893	121,662
4/6/18 9:30 AM	0	20	891	121,662
4/6/18 10:00 AM	0	20	889	121,662
4/6/18 10:30 AM	0	20	887	121,662
4/6/18 11:00 AM	0	21	885	121,662
4/6/18 11:30 AM	0	21	883	121,662
4/6/18 12:00 PM	0	21	882	121,662
4/6/18 12:30 PM	0	22	880	121,662
4/6/18 1:00 PM	0	22	878	121,662
4/6/18 1:30 PM	0	22	876	121,662
4/6/18 2:00 PM	0	23	875	121,662
4/6/18 2:30 PM	0	23	873	121,662
4/6/18 3:00 PM	0	23	872	121,662
4/6/18 3:30 PM	0	23	870	121,662
4/6/18 4:00 PM	0	24	869	121,662
4/6/18 4:30 PM	0	24	868	121,662
4/6/18 5:00 PM	0	24	866	121,662
4/6/18 5:30 PM	0	24	865	121,662
4/6/18 6:00 PM	0	25	863	121,662
4/6/18 6:30 PM	0	25	862	121,662
4/6/18 7:00 PM	0	25	861	121,662
4/6/18 7:30 PM	0	26	859	121,662
4/6/18 8:00 PM	0	26	858	121,662
4/6/18 8:30 PM	0	26	857	121,662
4/6/18 9:00 PM	0	26	856	121,662
4/6/18 9:30 PM	0	27	855	121,662
4/6/18 10:00 PM	0	27	853	121,662
4/6/18 10:30 PM	0	27	852	121,662
4/6/18 11:00 PM	0	27	851	121,662
4/6/18 11:30 PM	0	28	850	121,662
4/7/18 12:00 AM	0	28	849	121,662
4/7/18 12:30 AM	0	28	848	121,662
4/7/18 1:00 AM	0	28	847	121,662
4/7/18 1:30 AM	0	28	845	121,662
4/7/18 2:00 AM	0	29	844	121,662
4/7/18 2:30 AM	0	29	843	121,662
4/7/18 3:00 AM	0	29	842	121,662
4/7/18 3:30 AM	0	29	841	121,662
4/7/18 4:00 AM	0	30	840	121,662
4/7/18 4:30 AM	0	30	839	121,662
4/7/18 5:00 AM	0	30	838	121,662
4/7/18 5:30 AM	0	30	837	121,662
4/7/18 6:00 AM	0	30	836	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/7/18 6:30 AM	0	31	835	121,662
4/7/18 7:00 AM	0	31	834	121,662
4/7/18 7:30 AM	0	31	834	121,662
4/7/18 8:00 AM	0	31	833	121,662
4/7/18 8:30 AM	0	31	832	121,662
4/7/18 9:00 AM	0	32	831	121,662
4/7/18 9:30 AM	0	32	830	121,662
4/7/18 10:00 AM	0	32	829	121,662
4/7/18 10:30 AM	0	32	828	121,662
4/7/18 11:00 AM	0	33	827	121,662
4/7/18 11:30 AM	0	33	826	121,662
4/7/18 12:00 PM	0	33	825	121,662
4/7/18 12:30 PM	0	33	825	121,662
4/7/18 1:00 PM	0	33	824	121,662
4/7/18 1:30 PM	0	34	823	121,662
4/7/18 2:00 PM	0	34	822	121,662
4/7/18 2:30 PM	0	34	821	121,662
4/7/18 3:00 PM	0	34	821	121,662
4/7/18 3:30 PM	0	35	820	121,662
4/7/18 4:00 PM	0	35	819	121,662
4/7/18 4:30 PM	0	35	818	121,662
4/7/18 5:00 PM	0	35	817	121,662
4/7/18 5:30 PM	0	35	817	121,662
4/7/18 6:00 PM	0	36	816	121,662
4/7/18 6:30 PM	0	36	815	121,662
4/7/18 7:00 PM	0	36	815	121,662
4/7/18 7:30 PM	0	36	814	121,662
4/7/18 8:00 PM	0	36	813	121,662
4/7/18 8:30 PM	0	37	813	121,662
4/7/18 9:00 PM	0	37	812	121,662
4/7/18 9:30 PM	0	37	811	121,662
4/7/18 10:00 PM	0	37	811	121,662
4/7/18 10:30 PM	0	37	810	121,662
4/7/18 11:00 PM	0	37	809	121,662
4/7/18 11:30 PM	0	38	809	121,662
4/8/18 12:00 AM	0	38	808	121,662
4/8/18 12:30 AM	0	38	807	121,662
4/8/18 1:00 AM	0	38	807	121,662
4/8/18 1:30 AM	0	38	806	121,662
4/8/18 2:00 AM	0	39	805	121,662
4/8/18 2:30 AM	0	39	805	121,662
4/8/18 3:00 AM	0	39	804	121,662
4/8/18 3:30 AM	0	39	804	121,662

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/8/18 4:00 AM	0	39	803	121,662
4/8/18 4:30 AM	0	39	802	121,662
4/8/18 5:00 AM	0	40	802	121,662
4/8/18 5:30 AM	0	40	801	121,662
4/8/18 6:00 AM	0	40	801	121,662
4/8/18 6:30 AM	0	40	800	121,662
4/8/18 7:00 AM	0	40	799	121,662
4/8/18 7:30 AM	0	40	799	121,662
4/8/18 8:00 AM	0	40	799	121,662
4/8/18 8:30 AM	0	41	798	121,662
4/8/18 9:00 AM	0	41	797	121,662
4/8/18 9:30 AM	0	41	797	121,662
4/8/18 10:00 AM	0	41	796	121,662
4/8/18 10:30 AM	0	41	796	121,662
4/8/18 11:00 AM	0	41	795	121,662
4/8/18 11:30 AM	0	42	794	121,662
4/8/18 12:00 PM	0	42	794	121,662
4/8/18 12:30 PM	0	42	793	121,662
4/8/18 1:00 PM	0	42	793	121,662
4/8/18 1:30 PM	0	42	792	121,662
4/8/18 2:00 PM	0	43	791	121,662
4/8/18 2:30 PM	0	43	791	121,662
4/8/18 3:00 PM	0	43	790	121,662
4/8/18 3:30 PM	0	43	790	121,662
4/8/18 4:00 PM	0	43	789	121,662
4/8/18 4:30 PM	0	44	789	121,662
4/8/18 5:00 PM	0	44	788	121,662
4/8/18 5:30 PM	0	44	788	121,662
4/8/18 6:00 PM	0	44	787	121,662
4/8/18 6:30 PM	0	44	787	121,662
4/8/18 7:00 PM	0	45	786	121,662
4/8/18 7:30 PM	0	45	786	121,662
4/8/18 8:00 PM	0	45	786	121,662
4/8/18 8:30 PM	0	45	785	121,662
4/8/18 9:00 PM	0	45	785	121,662
4/8/18 9:30 PM	0	45	784	121,662
4/8/18 10:00 PM	0	45	784	121,662
4/8/18 10:30 PM	0	46	783	121,662
4/8/18 11:00 PM	0	46	783	121,662
4/8/18 11:30 PM	0	46	782	121,662
4/9/18 12:00 AM	0	46	782	121,662
4/9/18 12:30 AM	0	46	781	121,662
4/9/18 1:00 AM	0	46	781	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/9/18 1:30 AM	0	46	781	121,662
4/9/18 2:00 AM	0	47	780	121,662
4/9/18 2:30 AM	0	47	780	121,662
4/9/18 3:00 AM	0	47	779	121,662
4/9/18 3:30 AM	0	47	779	121,662
4/9/18 4:00 AM	0	47	778	121,662
4/9/18 4:30 AM	0	47	778	121,662
4/9/18 5:00 AM	0	47	777	121,662
4/9/18 5:30 AM	0	47	777	121,662
4/9/18 6:00 AM	0	48	777	121,662
4/9/18 6:30 AM	0	48	776	121,662
4/9/18 7:00 AM	0	48	776	121,662
4/9/18 7:30 AM	0	48	775	121,662
4/9/18 8:00 AM	0	48	775	121,662
4/9/18 8:30 AM	0	48	775	121,662
4/9/18 9:00 AM	0	48	774	121,662
4/9/18 9:30 AM	0	49	774	121,662
4/9/18 10:00 AM	0	49	774	121,662
4/9/18 10:30 AM	0	49	773	121,662
4/9/18 11:00 AM	0	49	773	121,662
4/9/18 11:30 AM	0	49	772	121,662
4/9/18 12:00 PM	0	49	772	121,662
4/9/18 12:30 PM	0	49	777	121,662
4/9/18 1:00 PM	0	50	807	121,662
4/9/18 1:30 PM	0	50	830	121,662
4/9/18 2:00 PM	0	50	861	121,662
4/9/18 2:30 PM	0	50	890	121,662
4/9/18 3:00 PM	0	50	929	121,662
4/9/18 3:30 PM	0	50	965	121,662
4/9/18 4:00 PM	0	51	985	121,662
4/9/18 4:30 PM	0	51	999	121,662
4/9/18 5:00 PM	0	51	1,002	121,662
4/9/18 5:30 PM	0	51	1,000	121,662
4/9/18 6:00 PM	0	51	994	121,662
4/9/18 6:30 PM	0	51	986	121,662
4/9/18 7:00 PM	0	52	974	121,662
4/9/18 7:30 PM	0	52	961	121,662
4/9/18 8:00 PM	0	52	947	121,662
4/9/18 8:30 PM	0	52	933	121,662
4/9/18 9:00 PM	0	52	919	121,662
4/9/18 9:30 PM	0	52	904	121,662
4/9/18 10:00 PM	0	52	888	121,662
4/9/18 10:30 PM	0	52	870	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/9/18 11:00 PM	0	53	852	121,662
4/9/18 11:30 PM	0	53	834	121,662
4/10/18 12:00 AM	0	53	815	121,662
4/10/18 12:30 AM	0	53	795	121,662
4/10/18 1:00 AM	0	53	775	121,662
4/10/18 1:30 AM	0	53	756	121,662
4/10/18 2:00 AM	0	53	737	121,662
4/10/18 2:30 AM	0	53	720	121,662
4/10/18 3:00 AM	0	54	706	121,662
4/10/18 3:30 AM	0	54	692	121,662
4/10/18 4:00 AM	0	54	680	121,662
4/10/18 4:30 AM	0	54	670	121,662
4/10/18 5:00 AM	0	54	661	121,662
4/10/18 5:30 AM	0	54	654	121,662
4/10/18 6:00 AM	0	54	647	121,662
4/10/18 6:30 AM	0	54	640	121,662
4/10/18 7:00 AM	0	54	632	121,662
4/10/18 7:30 AM	0	54	625	121,662
4/10/18 8:00 AM	0	55	619	121,662
4/10/18 8:30 AM	0	55	614	121,662
4/10/18 9:00 AM	0	55	612	121,662
4/10/18 9:30 AM	0	55	612	121,662
4/10/18 10:00 AM	0	55	616	121,662
4/10/18 10:30 AM	0	55	622	121,662
4/10/18 11:00 AM	0	55	620	121,662
4/10/18 11:30 AM	0	55	618	121,662
4/10/18 12:00 PM	0	56	619	121,662
4/10/18 12:30 PM	0	56	620	121,662
4/10/18 1:00 PM	0	56	621	121,662
4/10/18 1:30 PM	0	56	620	121,662
4/10/18 2:00 PM	0	56	622	121,662
4/10/18 2:30 PM	0	56	624	121,662
4/10/18 3:00 PM	0	56	628	121,662
4/10/18 3:30 PM	0	56	632	121,662
4/10/18 4:00 PM	0	56	634	121,662
4/10/18 4:30 PM	0	57	633	121,662
4/10/18 5:00 PM	0	57	631	121,662
4/10/18 5:30 PM	0	57	626	121,662
4/10/18 6:00 PM	0	57	620	121,662
4/10/18 6:30 PM	0	57	616	121,662
4/10/18 7:00 PM	0	57	613	121,662
4/10/18 7:30 PM	0	57	609	121,662
4/10/18 8:00 PM	0	57	601	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/10/18 8:30 PM	0	58	592	121,662
4/10/18 9:00 PM	0	58	583	121,662
4/10/18 9:30 PM	0	58	573	121,662
4/10/18 10:00 PM	0	58	564	121,662
4/10/18 10:30 PM	0	58	555	121,662
4/10/18 11:00 PM	0	58	547	121,662
4/10/18 11:30 PM	0	58	540	121,662
4/11/18 12:00 AM	0	58	533	121,662
4/11/18 12:30 AM	0	58	527	121,662
4/11/18 1:00 AM	0	58	522	121,662
4/11/18 1:30 AM	0	58	516	121,662
4/11/18 2:00 AM	0	58	512	121,662
4/11/18 2:30 AM	0	59	508	121,662
4/11/18 3:00 AM	0	59	504	121,662
4/11/18 3:30 AM	0	59	501	121,662
4/11/18 4:00 AM	0	59	498	121,662
4/11/18 4:30 AM	0	59	495	121,662
4/11/18 5:00 AM	0	59	492	121,662
4/11/18 5:30 AM	0	59	490	121,662
4/11/18 6:00 AM	0	59	487	121,662
4/11/18 6:30 AM	0	59	485	121,662
4/11/18 7:00 AM	0	59	484	121,662
4/11/18 7:30 AM	0	59	483	121,662
4/11/18 8:00 AM	0	59	482	121,662
4/11/18 8:30 AM	0	60	482	121,662
4/11/18 9:00 AM	0	60	484	121,662
4/11/18 9:30 AM	0	60	487	121,662
4/11/18 10:00 AM	0	60	493	121,662
4/11/18 10:30 AM	0	60	501	121,662
4/11/18 11:00 AM	0	60	509	121,662
4/11/18 11:30 AM	0	60	517	121,662
4/11/18 12:00 PM	0	60	525	121,662
4/11/18 12:30 PM	0	61	534	121,662
4/11/18 1:00 PM	0	61	543	121,662
4/11/18 1:30 PM	0	61	551	121,662
4/11/18 2:00 PM	0	61	559	121,662
4/11/18 2:30 PM	0	61	566	121,662
4/11/18 3:00 PM	0	61	576	121,662
4/11/18 3:30 PM	0	61	584	121,662
4/11/18 4:00 PM	0	62	590	121,662
4/11/18 4:30 PM	0	62	594	121,662
4/11/18 5:00 PM	0	62	597	121,662
4/11/18 5:30 PM	0	62	597	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/11/18 6:00 PM	0	62	598	121,662
4/11/18 6:30 PM	0	62	598	121,662
4/11/18 7:00 PM	0	62	598	121,662
4/11/18 7:30 PM	0	62	595	121,662
4/11/18 8:00 PM	0	62	591	121,662
4/11/18 8:30 PM	0	63	585	121,662
4/11/18 9:00 PM	0	63	578	121,662
4/11/18 9:30 PM	0	63	572	121,662
4/11/18 10:00 PM	0	63	565	121,662
4/11/18 10:30 PM	0	63	558	121,662
4/11/18 11:00 PM	0	63	552	121,662
4/11/18 11:30 PM	0	63	545	121,662
4/12/18 12:00 AM	0	63	538	121,662
4/12/18 12:30 AM	0	63	532	121,662
4/12/18 1:00 AM	0	63	526	121,662
4/12/18 1:30 AM	0	63	520	121,662
4/12/18 2:00 AM	0	63	514	121,662
4/12/18 2:30 AM	0	63	508	121,662
4/12/18 3:00 AM	0	63	503	121,662
4/12/18 3:30 AM	0	64	497	121,662
4/12/18 4:00 AM	0	64	492	121,662
4/12/18 4:30 AM	0	64	487	121,662
4/12/18 5:00 AM	0	64	483	121,662
4/12/18 5:30 AM	0	64	479	121,662
4/12/18 6:00 AM	0	64	475	121,662
4/12/18 6:30 AM	0	64	470	121,662
4/12/18 7:00 AM	0	64	466	121,662
4/12/18 7:30 AM	0	64	463	121,662
4/12/18 8:00 AM	0	64	462	121,662
4/12/18 8:30 AM	0	64	466	121,662
4/12/18 9:00 AM	0	64	473	121,662
4/12/18 9:30 AM	0	65	484	121,662
4/12/18 10:00 AM	0	65	500	121,662
4/12/18 10:30 AM	0	65	520	121,662
4/12/18 11:00 AM	0	65	541	121,662
4/12/18 11:30 AM	0	65	564	121,662
4/12/18 12:00 PM	0	65	588	121,662
4/12/18 12:30 PM	0	66	611	121,662
4/12/18 1:00 PM	0	66	635	121,662
4/12/18 1:30 PM	0	66	661	121,662
4/12/18 2:00 PM	0	66	687	121,662
4/12/18 2:30 PM	0	66	717	121,662
4/12/18 3:00 PM	0	66	748	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/12/18 3:30 PM	0	66	772	121,662
4/12/18 4:00 PM	0	67	795	121,662
4/12/18 4:30 PM	0	67	822	121,662
4/12/18 5:00 PM	0	67	843	121,662
4/12/18 5:30 PM	0	67	852	121,662
4/12/18 6:00 PM	0	67	861	121,662
4/12/18 6:30 PM	0	67	868	121,662
4/12/18 7:00 PM	0	67	869	121,662
4/12/18 7:30 PM	0	67	861	121,662
4/12/18 8:00 PM	0	68	843	121,662
4/12/18 8:30 PM	0	68	823	121,662
4/12/18 9:00 PM	0	68	802	121,662
4/12/18 9:30 PM	0	68	779	121,662
4/12/18 10:00 PM	0	68	755	121,662
4/12/18 10:30 PM	0	68	732	121,662
4/12/18 11:00 PM	0	68	711	121,662
4/12/18 11:30 PM	0	68	691	121,662
4/13/18 12:00 AM	0	68	672	121,662
4/13/18 12:30 AM	0	68	656	121,662
4/13/18 1:00 AM	0	68	641	121,662
4/13/18 1:30 AM	0	68	627	121,662
4/13/18 2:00 AM	0	68	613	121,662
4/13/18 2:30 AM	0	68	600	121,662
4/13/18 3:00 AM	0	68	587	121,662
4/13/18 3:30 AM	0	69	575	121,662
4/13/18 4:00 AM	0	69	564	121,662
4/13/18 4:30 AM	0	69	553	121,662
4/13/18 5:00 AM	0	69	543	121,662
4/13/18 5:30 AM	0	69	534	121,662
4/13/18 6:00 AM	0	69	525	121,662
4/13/18 6:30 AM	0	69	517	121,662
4/13/18 7:00 AM	0	69	510	121,662
4/13/18 7:30 AM	0	69	507	121,662
4/13/18 8:00 AM	0	69	506	121,662
4/13/18 8:30 AM	0	69	510	121,662
4/13/18 9:00 AM	0	69	519	121,662
4/13/18 9:30 AM	0	69	532	121,662
4/13/18 10:00 AM	0	70	545	121,662
4/13/18 10:30 AM	0	70	561	121,662
4/13/18 11:00 AM	0	70	577	121,662
4/13/18 11:30 AM	0	70	594	121,662
4/13/18 12:00 PM	0	70	611	121,662
4/13/18 12:30 PM	0	70	629	121,662

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/13/18 1:00 PM	0	70	644	121,662
4/13/18 1:30 PM	0	70	661	121,662
4/13/18 2:00 PM	0	71	674	121,662
4/13/18 2:30 PM	0	71	687	121,662
4/13/18 3:00 PM	0	71	702	121,662
4/13/18 3:30 PM	0	71	717	121,662
4/13/18 4:00 PM	0	71	731	121,662
4/13/18 4:30 PM	0	71	743	121,662
4/13/18 5:00 PM	0	71	752	121,662
4/13/18 5:30 PM	0	71	754	121,662
4/13/18 6:00 PM	0	72	759	121,662
4/13/18 6:30 PM	0	72	762	121,662
4/13/18 7:00 PM	0	72	763	121,662
4/13/18 7:30 PM	0	72	760	121,662
4/13/18 8:00 PM	0	72	751	121,662
4/13/18 8:30 PM	0	72	739	121,662
4/13/18 9:00 PM	0	72	723	121,662
4/13/18 9:30 PM	0	72	706	121,662
4/13/18 10:00 PM	0	72	691	121,662
4/13/18 10:30 PM	0	72	675	121,662
4/13/18 11:00 PM	0	72	661	121,662
4/13/18 11:30 PM	0	72	647	121,662
4/14/18 12:00 AM	0	72	635	121,662
4/14/18 12:30 AM	0	72	623	121,662
4/14/18 1:00 AM	0	72	611	121,662
4/14/18 1:30 AM	0	73	600	121,662
4/14/18 2:00 AM	0	73	589	121,662
4/14/18 2:30 AM	0	73	579	121,662
4/14/18 3:00 AM	0	73	568	121,662
4/14/18 3:30 AM	0	73	559	121,662
4/14/18 4:00 AM	0	73	549	121,662
4/14/18 4:30 AM	0	73	540	121,662
4/14/18 5:00 AM	0	73	532	121,662
4/14/18 5:30 AM	0	73	524	121,662
4/14/18 6:00 AM	0	73	516	121,662
4/14/18 6:30 AM	0	73	509	121,662
4/14/18 7:00 AM	0	73	503	121,662
4/14/18 7:30 AM	0	73	500	121,662
4/14/18 8:00 AM	0	73	500	121,662
4/14/18 8:30 AM	0	73	502	121,662
4/14/18 9:00 AM	0	73	508	121,662
4/14/18 9:30 AM	0	73	518	121,662
4/14/18 10:00 AM	0	73	532	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/14/18 10:30 AM	0	74	551	121,662
4/14/18 11:00 AM	0	74	573	121,662
4/14/18 11:30 AM	0	74	600	121,662
4/14/18 12:00 PM	0	74	628	121,662
4/14/18 12:30 PM	0	74	655	121,662
4/14/18 1:00 PM	0	74	684	121,662
4/14/18 1:30 PM	0	75	713	121,662
4/14/18 2:00 PM	0	75	740	121,662
4/14/18 2:30 PM	0	75	765	121,662
4/14/18 3:00 PM	0	75	786	121,662
4/14/18 3:30 PM	0	75	802	121,662
4/14/18 4:00 PM	0	75	820	121,662
4/14/18 4:30 PM	0	75	842	121,662
4/14/18 5:00 PM	0	75	865	121,662
4/14/18 5:30 PM	0	76	883	121,662
4/14/18 6:00 PM	0	76	898	121,662
4/14/18 6:30 PM	0	76	908	121,662
4/14/18 7:00 PM	0	76	914	121,662
4/14/18 7:30 PM	0	76	913	121,662
4/14/18 8:00 PM	0	76	903	121,662
4/14/18 8:30 PM	0	76	884	121,662
4/14/18 9:00 PM	0	76	863	121,662
4/14/18 9:30 PM	0	76	839	121,662
4/14/18 10:00 PM	0	76	812	121,662
4/14/18 10:30 PM	0	76	786	121,662
4/14/18 11:00 PM	0	76	760	121,662
4/14/18 11:30 PM	0	76	736	121,662
4/15/18 12:00 AM	0	77	714	121,662
4/15/18 12:30 AM	0	77	694	121,662
4/15/18 1:00 AM	0	77	675	121,662
4/15/18 1:30 AM	0	77	658	121,662
4/15/18 2:00 AM	0	77	642	121,662
4/15/18 2:30 AM	0	77	627	121,662
4/15/18 3:00 AM	0	77	613	121,662
4/15/18 3:30 AM	0	77	600	121,662
4/15/18 4:00 AM	0	77	588	121,662
4/15/18 4:30 AM	0	77	577	121,662
4/15/18 5:00 AM	0	77	567	121,662
4/15/18 5:30 AM	0	77	558	121,662
4/15/18 6:00 AM	0	77	550	121,662
4/15/18 6:30 AM	0	77	542	121,662
4/15/18 7:00 AM	0	77	536	121,662
4/15/18 7:30 AM	0	77	532	121,662

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/15/18 8:00 AM	0	77	531	121,662
4/15/18 8:30 AM	0	77	704	121,662
4/15/18 9:00 AM	0	77	704	121,662
4/15/18 9:30 AM	14	75	825	121,664
4/15/18 10:00 AM	13	44	886	121,675
4/15/18 10:30 AM	13	30	908	121,685
4/15/18 11:00 AM	14	23	923	121,695
4/15/18 11:30 AM	14	19	936	121,704
4/15/18 12:00 PM	14	16	947	121,714
4/15/18 12:30 PM	12	14	953	121,724
4/15/18 1:00 PM	13	12	962	121,733
4/15/18 1:30 PM	14	11	967	121,743
4/15/18 2:00 PM	19	10	1,008	121,753
4/15/18 2:30 PM	19	8	1,028	121,766
4/15/18 3:00 PM	18	7	1,038	121,779
4/15/18 3:30 PM	18	6	1,046	121,792
4/15/18 4:00 PM	19	6	1,053	121,804
4/15/18 4:30 PM	18	5	1,059	121,817
4/15/18 5:00 PM	17	5	1,063	121,830
4/15/18 5:30 PM	17	5	1,069	121,842
4/15/18 6:00 PM	18	4	1,074	121,855
4/15/18 6:30 PM	19	4	1,078	121,868
4/15/18 7:00 PM	18	4	1,082	121,880
4/15/18 7:30 PM	17	4	1,086	121,893
4/15/18 8:00 PM	18	4	1,090	121,905
4/15/18 8:30 PM	16	4	1,093	121,918
4/15/18 9:00 PM	17	3	1,097	121,930
4/15/18 9:30 PM	18	3	1,101	121,942
4/15/18 10:00 PM	18	3	1,105	121,955
4/15/18 10:30 PM	19	3	1,110	121,968
4/15/18 11:00 PM	18	3	1,113	121,981
4/15/18 11:30 PM	19	3	1,117	121,993
4/16/18 12:00 AM	17	3	1,121	122,006
4/16/18 12:30 AM	18	3	1,125	122,019
4/16/18 1:00 AM	18	3	1,126	122,032
4/16/18 1:30 AM	17	3	1,129	122,044
4/16/18 2:00 AM	17	2	1,132	122,057
4/16/18 2:30 AM	17	2	1,136	122,070
4/16/18 3:00 AM	18	2	1,138	122,082
4/16/18 3:30 AM	17	2	1,141	122,095
4/16/18 4:00 AM	18	2	1,144	122,107
4/16/18 4:30 AM	18	2	1,147	122,120
4/16/18 5:00 AM	18	2	1,149	122,132

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/16/18 5:30 AM	18	2	1,151	122,145
4/16/18 6:00 AM	17	2	1,151	122,157
4/16/18 6:30 AM	16	2	1,153	122,169
4/16/18 7:00 AM	17	2	1,155	122,181
4/16/18 7:30 AM	17	2	1,157	122,193
4/16/18 8:00 AM	17	2	1,161	122,205
4/16/18 8:30 AM	18	2	1,167	122,218
4/16/18 9:00 AM	17	2	1,167	122,230
4/16/18 9:30 AM	17	2	1,169	122,242
4/16/18 10:00 AM	17	2	1,172	122,254
4/16/18 10:30 AM	16	2	1,175	122,266
4/16/18 11:00 AM	17	2	1,176	122,278
4/16/18 11:30 AM	17	2	1,180	122,289
4/16/18 12:00 PM	18	2	1,182	122,301
4/16/18 12:30 PM	16	2	1,185	122,313
4/16/18 1:00 PM	0	2	1,047	122,320
4/16/18 1:30 PM	0	3	984	122,320
4/16/18 2:00 PM	0	4	954	122,320
4/16/18 2:30 PM	0	5	935	122,320
4/16/18 3:00 PM	0	6	920	122,320
4/16/18 3:30 PM	0	7	907	122,320
4/16/18 4:00 PM	0	8	897	122,320
4/16/18 4:30 PM	0	9	889	122,320
4/16/18 5:00 PM	0	10	881	122,320
4/16/18 5:30 PM	0	11	874	122,320
4/16/18 6:00 PM	0	12	867	122,320
4/16/18 6:30 PM	0	13	861	122,320
4/16/18 7:00 PM	0	13	856	122,320
4/16/18 7:30 PM	0	14	851	122,320
4/16/18 8:00 PM	0	15	847	122,320
4/16/18 8:30 PM	0	16	843	122,320
4/16/18 9:00 PM	0	17	839	122,320
4/16/18 9:30 PM	0	17	835	122,320
4/16/18 10:00 PM	0	18	831	122,320
4/16/18 10:30 PM	0	19	828	122,320
4/16/18 11:00 PM	0	20	825	122,320
4/16/18 11:30 PM	0	20	822	122,320
4/17/18 12:00 AM	0	21	819	122,320
4/17/18 12:30 AM	0	22	816	122,320
4/17/18 1:00 AM	0	22	814	122,320
4/17/18 1:30 AM	0	23	811	122,320
4/17/18 2:00 AM	0	24	809	122,320
4/17/18 2:30 AM	0	24	807	122,320

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/17/18 3:00 AM	0	25	805	122,320
4/17/18 3:30 AM	0	25	803	122,320
4/17/18 4:00 AM	0	26	801	122,320
4/17/18 4:30 AM	0	27	799	122,320
4/17/18 5:00 AM	0	27	797	122,320
4/17/18 5:30 AM	0	28	795	122,320
4/17/18 6:00 AM	0	28	794	122,320
4/17/18 6:30 AM	0	29	792	122,320
4/17/18 7:00 AM	0	29	790	122,320
4/17/18 7:30 AM	0	30	789	122,320
4/17/18 8:00 AM	0	31	817	122,320
4/17/18 8:30 AM	0	31	827	122,320
4/17/18 9:00 AM	0	32	862	122,320
4/17/18 9:30 AM	0	32	Bad	122,320
4/17/18 10:00 AM	0	33	Bad	122,320
4/17/18 10:30 AM	0	33	Bad	122,320
4/17/18 11:00 AM	0	34	Bad	122,320
4/17/18 11:30 AM	0	34	Bad	122,320
4/17/18 12:00 PM	0	35	-4	122,320
4/17/18 12:30 PM	0	36	774	122,320
4/17/18 1:00 PM	15	35	898	122,323
4/17/18 1:30 PM	15	24	962	122,334
4/17/18 2:00 PM	13	18	989	122,344
4/17/18 2:30 PM	14	15	1,005	122,354
4/17/18 3:00 PM	14	12	1,018	122,364
4/17/18 3:30 PM	14	11	1,027	122,373
4/17/18 4:00 PM	12	10	1,035	122,383
4/17/18 4:30 PM	14	9	1,043	122,392
4/17/18 5:00 PM	14	8	1,048	122,402
4/17/18 5:30 PM	13	7	1,053	122,411
4/17/18 6:00 PM	13	7	1,057	122,420
4/17/18 6:30 PM	13	7	1,060	122,429
4/17/18 7:00 PM	13	6	1,063	122,438
4/17/18 7:30 PM	13	6	1,066	122,447
4/17/18 8:00 PM	12	6	1,069	122,456
4/17/18 8:30 PM	13	6	1,072	122,465
4/17/18 9:00 PM	12	6	1,075	122,474
4/17/18 9:30 PM	13	5	1,077	122,483
4/17/18 10:00 PM	11	5	1,080	122,492
4/17/18 10:30 PM	13	5	1,082	122,501
4/17/18 11:00 PM	12	5	1,085	122,510
4/17/18 11:30 PM	11	5	1,087	122,518
4/18/18 12:00 AM	12	5	1,089	122,527

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/18/18 12:30 AM	12	5	1,088	122,535
4/18/18 1:00 AM	12	5	1,087	122,543
4/18/18 1:30 AM	10	5	1,088	122,549
4/18/18 2:00 AM	1	4	1,090	122,556
4/18/18 2:30 AM	1	5	1,092	122,563
4/18/18 3:00 AM	11	5	1,093	122,569
4/18/18 3:30 AM	10	4	1,094	122,575
4/18/18 4:00 AM	11	4	1,092	122,580
4/18/18 4:30 AM	-1	4	1,092	122,582
4/18/18 5:00 AM	9	4	1,091	122,584
4/18/18 5:30 AM	9	4	1,092	122,586
4/18/18 6:00 AM	-1	4	1,093	122,588
4/18/18 6:30 AM	10	4	1,093	122,590
4/18/18 7:00 AM	16	4	1,123	122,594
4/18/18 7:30 AM	17	4	1,148	122,605
4/18/18 8:00 AM	16	3	1,157	122,617
4/18/18 8:30 AM	17	3	1,167	122,629
4/18/18 9:00 AM	17	3	1,178	122,641
4/18/18 9:30 AM	18	3	1,184	122,653
4/18/18 10:00 AM	17	2	1,189	122,665
4/18/18 10:30 AM	17	2	1,192	122,678
4/18/18 11:00 AM	17	2	1,195	122,690
4/18/18 11:30 AM	17	2	1,195	122,702
4/18/18 12:00 PM	17	2	1,196	122,714
4/18/18 12:30 PM	16	2	1,199	122,725
4/18/18 1:00 PM	16	2	1,200	122,737
4/18/18 1:30 PM	16	2	1,201	122,749
4/18/18 2:00 PM	16	2	1,202	122,760
4/18/18 2:30 PM	16	2	1,205	122,772
4/18/18 3:00 PM	16	2	1,207	122,783
4/18/18 3:30 PM	16	2	1,209	122,795
4/18/18 4:00 PM	17	2	1,212	122,807
4/18/18 4:30 PM	16	2	1,213	122,818
4/18/18 5:00 PM	16	2	1,215	122,830
4/18/18 5:30 PM	17	2	1,217	122,841
4/18/18 6:00 PM	15	2	1,218	122,853
4/18/18 6:30 PM	16	2	1,220	122,864
4/18/18 7:00 PM	16	2	1,221	122,876
4/18/18 7:30 PM	16	2	1,222	122,887
4/18/18 8:00 PM	17	2	1,224	122,898
4/18/18 8:30 PM	17	2	1,225	122,910
4/18/18 9:00 PM	17	2	1,228	122,921
4/18/18 9:30 PM	16	2	1,229	122,933

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
4/18/18 10:00 PM	16	2	1,231	122,944
4/18/18 10:30 PM	16	2	1,232	122,956
4/18/18 11:00 PM	16	2	1,233	122,967
4/18/18 11:30 PM	16	2	1,234	122,978
4/19/18 12:00 AM	16	2	1,235	122,990
4/19/18 12:30 AM	16	2	1,236	123,001
4/19/18 1:00 AM	16	2	1,238	123,012
4/19/18 1:30 AM	16	2	1,240	123,024
4/19/18 2:00 AM	17	2	1,241	123,035
4/19/18 2:30 AM	15	2	1,244	123,046
4/19/18 3:00 AM	15	2	1,246	123,058
4/19/18 3:30 AM	16	2	1,247	123,069
4/19/18 4:00 AM	17	2	1,249	123,080
4/19/18 4:30 AM	16	2	1,250	123,092
4/19/18 5:00 AM	16	2	1,251	123,103
4/19/18 5:30 AM	17	2	1,253	123,115
4/19/18 6:00 AM	16	2	1,256	123,126
4/19/18 6:30 AM	16	2	1,253	123,137
4/19/18 7:00 AM	15	2	1,253	123,148
4/19/18 7:30 AM	16	2	1,253	123,159
4/19/18 8:00 AM	15	2	1,253	123,170
4/19/18 8:30 AM	15	2	1,253	123,181
4/19/18 9:00 AM	15	2	1,255	123,192
4/19/18 9:30 AM	15	2	1,256	123,203
4/19/18 10:00 AM	16	2	1,257	123,214
4/19/18 10:30 AM	16	2	1,258	123,225
4/19/18 11:00 AM	17	2	1,272	123,236
4/19/18 11:30 AM	16	1	1,277	123,249
4/19/18 12:00 PM	17	1	1,278	123,261
4/19/18 12:30 PM	18	1	1,280	123,273
4/19/18 1:00 PM	17	1	1,281	123,285
4/19/18 1:30 PM	16	1	1,283	123,297
4/19/18 2:00 PM	17	1	1,285	123,309
4/19/18 2:30 PM	18	1	1,286	123,321
4/19/18 3:00 PM	17	1	1,287	123,333
4/19/18 3:30 PM	17	1	1,289	123,345
4/19/18 4:00 PM	17	1	1,291	123,356
4/19/18 4:30 PM	18	1	1,292	123,368
4/19/18 5:00 PM	13	2	1,244	123,376
4/19/18 5:30 PM	12	2	1,236	123,385
4/19/18 6:00 PM	13	2	1,231	123,393
4/19/18 6:30 PM	11	2	1,228	123,402
4/19/18 7:00 PM	10	2	1,226	123,410

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/19/18 7:30 PM	11	2	1,225	123,418
4/19/18 8:00 PM	11	2	1,224	123,426
4/19/18 8:30 PM	12	2	1,223	123,435
4/19/18 9:00 PM	12	2	1,222	123,443
4/19/18 9:30 PM	9	3	1,222	123,451
4/19/18 10:00 PM	10	3	1,217	123,458
4/19/18 10:30 PM	9	3	1,216	123,464
4/19/18 11:00 PM	12	3	1,215	123,471
4/19/18 11:30 PM	10	3	1,214	123,477
4/20/18 12:00 AM	12	3	1,213	123,484
4/20/18 12:30 AM	11	3	1,214	123,491
4/20/18 1:00 AM	10	3	1,214	123,497
4/20/18 1:30 AM	11	3	1,213	123,503
4/20/18 2:00 AM	1	3	1,213	123,509
4/20/18 2:30 AM	1	3	1,213	123,515
4/20/18 3:00 AM	1	3	1,213	123,521
4/20/18 3:30 AM	1	3	1,213	123,526
4/20/18 4:00 AM	1	3	1,212	123,531
4/20/18 4:30 AM	1	3	1,212	123,536
4/20/18 5:00 AM	10	3	1,212	123,541
4/20/18 5:30 AM	-1	3	1,211	123,545
4/20/18 6:00 AM	1	3	1,212	123,550
4/20/18 6:30 AM	15	3	1,238	123,556
4/20/18 7:00 AM	15	3	1,246	123,566
4/20/18 7:30 AM	14	2	1,250	123,576
4/20/18 8:00 AM	14	2	1,246	123,586
4/20/18 8:30 AM	13	2	1,245	123,596
4/20/18 9:00 AM	12	2	1,245	123,605
4/20/18 9:30 AM	12	2	1,246	123,615
4/20/18 10:00 AM	14	2	1,247	123,624
4/20/18 10:30 AM	11	2	1,236	123,633
4/20/18 11:00 AM	11	2	1,227	123,641
4/20/18 11:30 AM	12	3	1,224	123,650
4/20/18 12:00 PM	13	3	1,222	123,658
4/20/18 12:30 PM	0	3	1,126	123,664
4/20/18 1:00 PM	0	4	1,061	123,664
4/20/18 1:30 PM	0	4	1,033	123,664
4/20/18 2:00 PM	0	5	1,015	123,664
4/20/18 2:30 PM	0	6	1,003	123,664
4/20/18 3:00 PM	0	7	992	123,664
4/20/18 3:30 PM	0	8	982	123,664
4/20/18 4:00 PM	0	8	974	123,664
4/20/18 4:30 PM	0	9	966	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/20/18 5:00 PM	0	10	960	123,664
4/20/18 5:30 PM	0	10	954	123,664
4/20/18 6:00 PM	0	11	948	123,664
4/20/18 6:30 PM	0	11	943	123,664
4/20/18 7:00 PM	0	12	938	123,664
4/20/18 7:30 PM	0	13	933	123,664
4/20/18 8:00 PM	0	13	929	123,664
4/20/18 8:30 PM	0	14	924	123,664
4/20/18 9:00 PM	0	14	921	123,664
4/20/18 9:30 PM	0	15	916	123,664
4/20/18 10:00 PM	0	15	913	123,664
4/20/18 10:30 PM	0	16	909	123,664
4/20/18 11:00 PM	0	16	906	123,664
4/20/18 11:30 PM	0	17	903	123,664
4/21/18 12:00 AM	0	17	900	123,664
4/21/18 12:30 AM	0	17	897	123,664
4/21/18 1:00 AM	0	18	894	123,664
4/21/18 1:30 AM	0	18	892	123,664
4/21/18 2:00 AM	0	19	888	123,664
4/21/18 2:30 AM	0	19	886	123,664
4/21/18 3:00 AM	0	19	884	123,664
4/21/18 3:30 AM	0	20	881	123,664
4/21/18 4:00 AM	0	20	879	123,664
4/21/18 4:30 AM	0	20	876	123,664
4/21/18 5:00 AM	0	21	874	123,664
4/21/18 5:30 AM	0	21	872	123,664
4/21/18 6:00 AM	0	22	870	123,664
4/21/18 6:30 AM	0	22	868	123,664
4/21/18 7:00 AM	0	22	866	123,664
4/21/18 7:30 AM	0	23	865	123,664
4/21/18 8:00 AM	0	23	862	123,664
4/21/18 8:30 AM	0	23	860	123,664
4/21/18 9:00 AM	0	24	859	123,664
4/21/18 9:30 AM	0	24	857	123,664
4/21/18 10:00 AM	0	24	855	123,664
4/21/18 10:30 AM	0	25	853	123,664
4/21/18 11:00 AM	0	25	852	123,664
4/21/18 11:30 AM	0	26	850	123,664
4/21/18 12:00 PM	0	26	849	123,664
4/21/18 12:30 PM	0	26	847	123,664
4/21/18 1:00 PM	0	27	846	123,664
4/21/18 1:30 PM	0	27	845	123,664
4/21/18 2:00 PM	0	27	843	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/21/18 2:30 PM	0	28	842	123,664
4/21/18 3:00 PM	0	28	841	123,664
4/21/18 3:30 PM	0	28	839	123,664
4/21/18 4:00 PM	0	29	838	123,664
4/21/18 4:30 PM	0	29	837	123,664
4/21/18 5:00 PM	0	29	835	123,664
4/21/18 5:30 PM	0	29	834	123,664
4/21/18 6:00 PM	0	30	833	123,664
4/21/18 6:30 PM	0	30	832	123,664
4/21/18 7:00 PM	0	30	830	123,664
4/21/18 7:30 PM	0	31	829	123,664
4/21/18 8:00 PM	0	31	828	123,664
4/21/18 8:30 PM	0	31	827	123,664
4/21/18 9:00 PM	0	31	826	123,664
4/21/18 9:30 PM	0	32	825	123,664
4/21/18 10:00 PM	0	32	824	123,664
4/21/18 10:30 PM	0	32	823	123,664
4/21/18 11:00 PM	0	32	822	123,664
4/21/18 11:30 PM	0	33	821	123,664
4/22/18 12:00 AM	0	33	820	123,664
4/22/18 12:30 AM	0	33	819	123,664
4/22/18 1:00 AM	0	33	818	123,664
4/22/18 1:30 AM	0	33	817	123,664
4/22/18 2:00 AM	0	34	816	123,664
4/22/18 2:30 AM	0	34	815	123,664
4/22/18 3:00 AM	0	34	814	123,664
4/22/18 3:30 AM	0	34	813	123,664
4/22/18 4:00 AM	0	35	813	123,664
4/22/18 4:30 AM	0	35	812	123,664
4/22/18 5:00 AM	0	35	811	123,664
4/22/18 5:30 AM	0	35	810	123,664
4/22/18 6:00 AM	0	35	809	123,664
4/22/18 6:30 AM	0	35	808	123,664
4/22/18 7:00 AM	0	36	808	123,664
4/22/18 7:30 AM	0	36	807	123,664
4/22/18 8:00 AM	0	36	806	123,664
4/22/18 8:30 AM	0	36	805	123,664
4/22/18 9:00 AM	0	37	804	123,664
4/22/18 9:30 AM	0	37	804	123,664
4/22/18 10:00 AM	0	37	803	123,664
4/22/18 10:30 AM	0	37	802	123,664
4/22/18 11:00 AM	0	38	802	123,664
4/22/18 11:30 AM	0	38	801	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/22/18 12:00 PM	0	38	800	123,664
4/22/18 12:30 PM	0	39	799	123,664
4/22/18 1:00 PM	0	39	798	123,664
4/22/18 1:30 PM	0	39	798	123,664
4/22/18 2:00 PM	0	39	797	123,664
4/22/18 2:30 PM	0	40	796	123,664
4/22/18 3:00 PM	0	40	796	123,664
4/22/18 3:30 PM	0	40	794	123,664
4/22/18 4:00 PM	0	40	794	123,664
4/22/18 4:30 PM	0	40	793	123,664
4/22/18 5:00 PM	0	41	793	123,664
4/22/18 5:30 PM	0	41	792	123,664
4/22/18 6:00 PM	0	41	792	123,664
4/22/18 6:30 PM	0	41	791	123,664
4/22/18 7:00 PM	0	41	791	123,664
4/22/18 7:30 PM	0	41	790	123,664
4/22/18 8:00 PM	0	42	789	123,664
4/22/18 8:30 PM	0	42	789	123,664
4/22/18 9:00 PM	0	42	788	123,664
4/22/18 9:30 PM	0	42	788	123,664
4/22/18 10:00 PM	0	42	787	123,664
4/22/18 10:30 PM	0	42	786	123,664
4/22/18 11:00 PM	0	43	786	123,664
4/22/18 11:30 PM	0	43	785	123,664
4/23/18 12:00 AM	0	43	785	123,664
4/23/18 12:30 AM	0	43	784	123,664
4/23/18 1:00 AM	0	43	784	123,664
4/23/18 1:30 AM	0	43	783	123,664
4/23/18 2:00 AM	0	44	783	123,664
4/23/18 2:30 AM	0	44	782	123,664
4/23/18 3:00 AM	0	44	781	123,664
4/23/18 3:30 AM	0	44	781	123,664
4/23/18 4:00 AM	0	44	780	123,664
4/23/18 4:30 AM	0	44	780	123,664
4/23/18 5:00 AM	0	44	779	123,664
4/23/18 5:30 AM	0	45	779	123,664
4/23/18 6:00 AM	0	45	778	123,664
4/23/18 6:30 AM	0	45	778	123,664
4/23/18 7:00 AM	0	45	777	123,664
4/23/18 7:30 AM	0	45	777	123,664
4/23/18 8:00 AM	0	45	776	123,664
4/23/18 8:30 AM	0	46	776	123,664
4/23/18 9:00 AM	0	46	775	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/23/18 9:30 AM	0	46	775	123,664
4/23/18 10:00 AM	0	46	774	123,664
4/23/18 10:30 AM	0	46	774	123,664
4/23/18 11:00 AM	0	46	773	123,664
4/23/18 11:30 AM	0	47	773	123,664
4/23/18 12:00 PM	0	47	773	123,664
4/23/18 12:30 PM	0	47	773	123,664
4/23/18 1:00 PM	0	47	772	123,664
4/23/18 1:30 PM	0	48	771	123,664
4/23/18 2:00 PM	0	48	771	123,664
4/23/18 2:30 PM	0	48	770	123,664
4/23/18 3:00 PM	0	48	769	123,664
4/23/18 3:30 PM	0	48	769	123,664
4/23/18 4:00 PM	0	49	769	123,664
4/23/18 4:30 PM	0	49	768	123,664
4/23/18 5:00 PM	0	49	768	123,664
4/23/18 5:30 PM	0	49	768	123,664
4/23/18 6:00 PM	0	49	767	123,664
4/23/18 6:30 PM	0	49	766	123,664
4/23/18 7:00 PM	0	50	766	123,664
4/23/18 7:30 PM	0	50	766	123,664
4/23/18 8:00 PM	0	50	765	123,664
4/23/18 8:30 PM	0	50	765	123,664
4/23/18 9:00 PM	0	50	765	123,664
4/23/18 9:30 PM	0	50	764	123,664
4/23/18 10:00 PM	0	50	764	123,664
4/23/18 10:30 PM	0	51	763	123,664
4/23/18 11:00 PM	0	51	763	123,664
4/23/18 11:30 PM	0	51	763	123,664
4/24/18 12:00 AM	0	51	762	123,664
4/24/18 12:30 AM	0	51	762	123,664
4/24/18 1:00 AM	0	51	762	123,664
4/24/18 1:30 AM	0	51	761	123,664
4/24/18 2:00 AM	0	51	761	123,664
4/24/18 2:30 AM	0	51	760	123,664
4/24/18 3:00 AM	0	52	760	123,664
4/24/18 3:30 AM	0	52	760	123,664
4/24/18 4:00 AM	0	52	759	123,664
4/24/18 4:30 AM	0	52	759	123,664
4/24/18 5:00 AM	0	52	759	123,664
4/24/18 5:30 AM	0	52	758	123,664
4/24/18 6:00 AM	0	52	758	123,664
4/24/18 6:30 AM	0	52	757	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/24/18 7:00 AM	0	53	757	123,664
4/24/18 7:30 AM	0	53	757	123,664
4/24/18 8:00 AM	0	53	756	123,664
4/24/18 8:30 AM	0	53	756	123,664
4/24/18 9:00 AM	0	53	755	123,664
4/24/18 9:30 AM	0	54	755	123,664
4/24/18 10:00 AM	0	54	754	123,664
4/24/18 10:30 AM	0	54	754	123,664
4/24/18 11:00 AM	0	54	754	123,664
4/24/18 11:30 AM	0	54	754	123,664
4/24/18 12:00 PM	0	55	753	123,664
4/24/18 12:30 PM	0	55	753	123,664
4/24/18 1:00 PM	0	55	752	123,664
4/24/18 1:30 PM	0	55	752	123,664
4/24/18 2:00 PM	0	55	752	123,664
4/24/18 2:30 PM	0	56	752	123,664
4/24/18 3:00 PM	0	56	752	123,664
4/24/18 3:30 PM	0	56	751	123,664
4/24/18 4:00 PM	0	56	750	123,664
4/24/18 4:30 PM	0	57	751	123,664
4/24/18 5:00 PM	0	57	750	123,664
4/24/18 5:30 PM	0	57	750	123,664
4/24/18 6:00 PM	0	57	749	123,664
4/24/18 6:30 PM	0	57	749	123,664
4/24/18 7:00 PM	0	57	749	123,664
4/24/18 7:30 PM	0	57	749	123,664
4/24/18 8:00 PM	0	57	748	123,664
4/24/18 8:30 PM	0	58	748	123,664
4/24/18 9:00 PM	0	58	748	123,664
4/24/18 9:30 PM	0	58	747	123,664
4/24/18 10:00 PM	0	58	747	123,664
4/24/18 10:30 PM	0	58	747	123,664
4/24/18 11:00 PM	0	58	747	123,664
4/24/18 11:30 PM	0	58	746	123,664
4/25/18 12:00 AM	0	58	746	123,664
4/25/18 12:30 AM	0	58	746	123,664
4/25/18 1:00 AM	0	58	746	123,664
4/25/18 1:30 AM	0	58	745	123,664
4/25/18 2:00 AM	0	59	745	123,664
4/25/18 2:30 AM	0	59	744	123,664
4/25/18 3:00 AM	0	59	744	123,664
4/25/18 3:30 AM	0	59	744	123,664
4/25/18 4:00 AM	0	59	743	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/25/18 4:30 AM	0	59	743	123,664
4/25/18 5:00 AM	0	59	743	123,664
4/25/18 5:30 AM	0	59	743	123,664
4/25/18 6:00 AM	0	59	742	123,664
4/25/18 6:30 AM	0	59	742	123,664
4/25/18 7:00 AM	0	59	742	123,664
4/25/18 7:30 AM	0	59	742	123,664
4/25/18 8:00 AM	0	59	741	123,664
4/25/18 8:30 AM	0	60	741	123,664
4/25/18 9:00 AM	0	60	741	123,664
4/25/18 9:30 AM	0	60	741	123,664
4/25/18 10:00 AM	0	60	740	123,664
4/25/18 10:30 AM	0	61	740	123,664
4/25/18 11:00 AM	0	61	739	123,664
4/25/18 11:30 AM	0	61	739	123,664
4/25/18 12:00 PM	0	61	739	123,664
4/25/18 12:30 PM	0	61	739	123,664
4/25/18 1:00 PM	0	62	739	123,664
4/25/18 1:30 PM	0	62	738	123,664
4/25/18 2:00 PM	0	62	738	123,664
4/25/18 2:30 PM	0	62	738	123,664
4/25/18 3:00 PM	0	62	738	123,664
4/25/18 3:30 PM	0	63	737	123,664
4/25/18 4:00 PM	0	63	737	123,664
4/25/18 4:30 PM	0	63	737	123,664
4/25/18 5:00 PM	0	63	736	123,664
4/25/18 5:30 PM	0	63	736	123,664
4/25/18 6:00 PM	0	63	736	123,664
4/25/18 6:30 PM	0	63	735	123,664
4/25/18 7:00 PM	0	63	735	123,664
4/25/18 7:30 PM	0	64	735	123,664
4/25/18 8:00 PM	0	64	735	123,664
4/25/18 8:30 PM	0	64	735	123,664
4/25/18 9:00 PM	0	64	734	123,664
4/25/18 9:30 PM	0	64	734	123,664
4/25/18 10:00 PM	0	64	734	123,664
4/25/18 10:30 PM	0	64	734	123,664
4/25/18 11:00 PM	0	64	733	123,664
4/25/18 11:30 PM	0	64	733	123,664
4/26/18 12:00 AM	0	64	733	123,664
4/26/18 12:30 AM	0	64	733	123,664
4/26/18 1:00 AM	0	64	733	123,664
4/26/18 1:30 AM	0	64	732	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/26/18 2:00 AM	0	64	732	123,664
4/26/18 2:30 AM	0	64	732	123,664
4/26/18 3:00 AM	0	64	732	123,664
4/26/18 3:30 AM	0	64	731	123,664
4/26/18 4:00 AM	0	64	731	123,664
4/26/18 4:30 AM	0	64	731	123,664
4/26/18 5:00 AM	0	65	731	123,664
4/26/18 5:30 AM	0	65	730	123,664
4/26/18 6:00 AM	0	65	730	123,664
4/26/18 6:30 AM	0	65	730	123,664
4/26/18 7:00 AM	0	65	730	123,664
4/26/18 7:30 AM	0	65	729	123,664
4/26/18 8:00 AM	0	65	729	123,664
4/26/18 8:30 AM	0	65	729	123,664
4/26/18 9:00 AM	0	65	729	123,664
4/26/18 9:30 AM	0	66	728	123,664
4/26/18 10:00 AM	0	66	728	123,664
4/26/18 10:30 AM	0	66	728	123,664
4/26/18 11:00 AM	0	66	727	123,664
4/26/18 11:30 AM	0	66	727	123,664
4/26/18 12:00 PM	0	67	727	123,664
4/26/18 12:30 PM	0	67	727	123,664
4/26/18 1:00 PM	0	67	727	123,664
4/26/18 1:30 PM	0	67	727	123,664
4/26/18 2:00 PM	0	67	727	123,664
4/26/18 2:30 PM	0	68	725	123,664
4/26/18 3:00 PM	0	68	725	123,664
4/26/18 3:30 PM	0	68	726	123,664
4/26/18 4:00 PM	0	68	726	123,664
4/26/18 4:30 PM	0	68	725	123,664
4/26/18 5:00 PM	0	68	725	123,664
4/26/18 5:30 PM	0	68	725	123,664
4/26/18 6:00 PM	0	68	725	123,664
4/26/18 6:30 PM	0	69	725	123,664
4/26/18 7:00 PM	0	69	724	123,664
4/26/18 7:30 PM	0	69	724	123,664
4/26/18 8:00 PM	0	69	724	123,664
4/26/18 8:30 PM	0	69	724	123,664
4/26/18 9:00 PM	0	69	723	123,664
4/26/18 9:30 PM	0	69	723	123,664
4/26/18 10:00 PM	0	69	723	123,664
4/26/18 10:30 PM	0	69	723	123,664
4/26/18 11:00 PM	0	69	723	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/26/18 11:30 PM	0	69	722	123,664
4/27/18 12:00 AM	0	69	722	123,664
4/27/18 12:30 AM	0	70	722	123,664
4/27/18 1:00 AM	0	70	722	123,664
4/27/18 1:30 AM	0	70	722	123,664
4/27/18 2:00 AM	0	70	721	123,664
4/27/18 2:30 AM	0	70	721	123,664
4/27/18 3:00 AM	0	70	721	123,664
4/27/18 3:30 AM	0	70	721	123,664
4/27/18 4:00 AM	0	70	721	123,664
4/27/18 4:30 AM	0	70	720	123,664
4/27/18 5:00 AM	0	70	720	123,664
4/27/18 5:30 AM	0	70	720	123,664
4/27/18 6:00 AM	0	70	720	123,664
4/27/18 6:30 AM	0	70	720	123,664
4/27/18 7:00 AM	0	70	720	123,664
4/27/18 7:30 AM	0	70	719	123,664
4/27/18 8:00 AM	0	70	719	123,664
4/27/18 8:30 AM	0	70	719	123,664
4/27/18 9:00 AM	0	71	718	123,664
4/27/18 9:30 AM	0	71	718	123,664
4/27/18 10:00 AM	0	71	718	123,664
4/27/18 10:30 AM	0	71	718	123,664
4/27/18 11:00 AM	0	71	718	123,664
4/27/18 11:30 AM	0	72	718	123,664
4/27/18 12:00 PM	0	72	717	123,664
4/27/18 12:30 PM	0	72	717	123,664
4/27/18 1:00 PM	0	72	717	123,664
4/27/18 1:30 PM	0	72	717	123,664
4/27/18 2:00 PM	0	72	717	123,664
4/27/18 2:30 PM	0	72	717	123,664
4/27/18 3:00 PM	0	73	717	123,664
4/27/18 3:30 PM	0	73	716	123,664
4/27/18 4:00 PM	0	73	716	123,664
4/27/18 4:30 PM	0	73	716	123,664
4/27/18 5:00 PM	0	73	715	123,664
4/27/18 5:30 PM	0	73	715	123,664
4/27/18 6:00 PM	0	73	715	123,664
4/27/18 6:30 PM	0	73	715	123,664
4/27/18 7:00 PM	0	74	714	123,664
4/27/18 7:30 PM	0	74	715	123,664
4/27/18 8:00 PM	0	74	715	123,664
4/27/18 8:30 PM	0	74	715	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/27/18 9:00 PM	0	74	714	123,664
4/27/18 9:30 PM	0	74	714	123,664
4/27/18 10:00 PM	0	74	714	123,664
4/27/18 10:30 PM	0	74	714	123,664
4/27/18 11:00 PM	0	74	714	123,664
4/27/18 11:30 PM	0	74	714	123,664
4/28/18 12:00 AM	0	74	713	123,664
4/28/18 12:30 AM	0	74	713	123,664
4/28/18 1:00 AM	0	74	713	123,664
4/28/18 1:30 AM	0	74	712	123,664
4/28/18 2:00 AM	0	74	712	123,664
4/28/18 2:30 AM	0	74	712	123,664
4/28/18 3:00 AM	0	74	712	123,664
4/28/18 3:30 AM	0	74	712	123,664
4/28/18 4:00 AM	0	74	712	123,664
4/28/18 4:30 AM	0	74	712	123,664
4/28/18 5:00 AM	0	74	711	123,664
4/28/18 5:30 AM	0	74	711	123,664
4/28/18 6:00 AM	0	74	711	123,664
4/28/18 6:30 AM	0	74	711	123,664
4/28/18 7:00 AM	0	74	711	123,664
4/28/18 7:30 AM	0	74	711	123,664
4/28/18 8:00 AM	0	74	710	123,664
4/28/18 8:30 AM	0	75	710	123,664
4/28/18 9:00 AM	0	75	710	123,664
4/28/18 9:30 AM	0	75	710	123,664
4/28/18 10:00 AM	0	75	709	123,664
4/28/18 10:30 AM	0	75	710	123,664
4/28/18 11:00 AM	0	75	709	123,664
4/28/18 11:30 AM	0	76	709	123,664
4/28/18 12:00 PM	0	76	708	123,664
4/28/18 12:30 PM	0	76	709	123,664
4/28/18 1:00 PM	0	76	709	123,664
4/28/18 1:30 PM	0	76	709	123,664
4/28/18 2:00 PM	0	76	708	123,664
4/28/18 2:30 PM	0	77	708	123,664
4/28/18 3:00 PM	0	77	708	123,664
4/28/18 3:30 PM	0	77	708	123,664
4/28/18 4:00 PM	0	77	708	123,664
4/28/18 4:30 PM	0	77	708	123,664
4/28/18 5:00 PM	0	77	707	123,664
4/28/18 5:30 PM	0	78	707	123,664
4/28/18 6:00 PM	0	78	707	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/28/18 6:30 PM	0	78	707	123,664
4/28/18 7:00 PM	0	78	707	123,664
4/28/18 7:30 PM	0	78	706	123,664
4/28/18 8:00 PM	0	78	706	123,664
4/28/18 8:30 PM	0	78	706	123,664
4/28/18 9:00 PM	0	78	706	123,664
4/28/18 9:30 PM	0	78	706	123,664
4/28/18 10:00 PM	0	78	706	123,664
4/28/18 10:30 PM	0	78	706	123,664
4/28/18 11:00 PM	0	78	705	123,664
4/28/18 11:30 PM	0	78	705	123,664
4/29/18 12:00 AM	0	78	705	123,664
4/29/18 12:30 AM	0	78	705	123,664
4/29/18 1:00 AM	0	78	705	123,664
4/29/18 1:30 AM	0	78	705	123,664
4/29/18 2:00 AM	0	78	705	123,664
4/29/18 2:30 AM	0	78	704	123,664
4/29/18 3:00 AM	0	78	704	123,664
4/29/18 3:30 AM	0	78	704	123,664
4/29/18 4:00 AM	0	78	704	123,664
4/29/18 4:30 AM	0	78	704	123,664
4/29/18 5:00 AM	0	78	704	123,664
4/29/18 5:30 AM	0	78	704	123,664
4/29/18 6:00 AM	0	78	703	123,664
4/29/18 6:30 AM	0	78	703	123,664
4/29/18 7:00 AM	0	78	703	123,664
4/29/18 7:30 AM	0	78	703	123,664
4/29/18 8:00 AM	0	78	703	123,664
4/29/18 8:30 AM	0	79	703	123,664
4/29/18 9:00 AM	0	79	703	123,664
4/29/18 9:30 AM	0	79	702	123,664
4/29/18 10:00 AM	0	79	702	123,664
4/29/18 10:30 AM	0	79	702	123,664
4/29/18 11:00 AM	0	79	702	123,664
4/29/18 11:30 AM	0	79	702	123,664
4/29/18 12:00 PM	0	80	701	123,664
4/29/18 12:30 PM	0	80	701	123,664
4/29/18 1:00 PM	0	80	701	123,664
4/29/18 1:30 PM	0	80	701	123,664
4/29/18 2:00 PM	0	80	701	123,664
4/29/18 2:30 PM	0	80	699	123,664
4/29/18 3:00 PM	0	80	701	123,664
4/29/18 3:30 PM	0	80	700	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/29/18 4:00 PM	0	80	701	123,664
4/29/18 4:30 PM	0	80	700	123,664
4/29/18 5:00 PM	0	80	700	123,664
4/29/18 5:30 PM	0	80	700	123,664
4/29/18 6:00 PM	0	80	700	123,664
4/29/18 6:30 PM	0	80	700	123,664
4/29/18 7:00 PM	0	80	699	123,664
4/29/18 7:30 PM	0	80	699	123,664
4/29/18 8:00 PM	0	80	699	123,664
4/29/18 8:30 PM	0	80	699	123,664
4/29/18 9:00 PM	0	80	699	123,664
4/29/18 9:30 PM	0	80	698	123,664
4/29/18 10:00 PM	0	80	698	123,664
4/29/18 10:30 PM	0	80	698	123,664
4/29/18 11:00 PM	0	80	698	123,664
4/29/18 11:30 PM	0	80	698	123,664
4/30/18 12:00 AM	0	80	698	123,664
4/30/18 12:30 AM	0	80	698	123,664
4/30/18 1:00 AM	0	80	698	123,664
4/30/18 1:30 AM	0	80	698	123,664
4/30/18 2:00 AM	0	80	698	123,664
4/30/18 2:30 AM	0	80	697	123,664
4/30/18 3:00 AM	0	80	697	123,664
4/30/18 3:30 AM	0	80	697	123,664
4/30/18 4:00 AM	0	81	697	123,664
4/30/18 4:30 AM	0	81	697	123,664
4/30/18 5:00 AM	0	81	697	123,664
4/30/18 5:30 AM	0	81	697	123,664
4/30/18 6:00 AM	0	81	696	123,664
4/30/18 6:30 AM	0	81	696	123,664
4/30/18 7:00 AM	0	81	696	123,664
4/30/18 7:30 AM	0	81	695	123,664
4/30/18 8:00 AM	0	81	696	123,664
4/30/18 8:30 AM	0	81	696	123,664
4/30/18 9:00 AM	0	81	696	123,664
4/30/18 9:30 AM	0	81	696	123,664
4/30/18 10:00 AM	0	81	695	123,664
4/30/18 10:30 AM	0	81	695	123,664
4/30/18 11:00 AM	0	81	694	123,664
4/30/18 11:30 AM	0	82	695	123,664
4/30/18 12:00 PM	0	82	694	123,664
4/30/18 12:30 PM	0	82	694	123,664
4/30/18 1:00 PM	0	82	695	123,664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
4/30/18 1:30 PM	0	82	694	123,664
4/30/18 2:00 PM	0	83	694	123,664
4/30/18 2:30 PM	0	83	694	123,664
4/30/18 3:00 PM	0	83	-3	123,664
4/30/18 3:30 PM	0	83	-5	123,664
4/30/18 4:00 PM	0	84	-4	123,664
4/30/18 4:30 PM	0	84	-3	123,664
4/30/18 5:00 PM	0	84	-5	123,664
4/30/18 5:30 PM	0	84	-4	123,664
4/30/18 6:00 PM	0	84	-4	123,664
4/30/18 6:30 PM	0	84	-3	123,664
4/30/18 7:00 PM	0	84	-4	123,664
4/30/18 7:30 PM	0	84	-3	123,664
4/30/18 8:00 PM	0	84	-4	123,664
4/30/18 8:30 PM	0	84	-4	123,664
4/30/18 9:00 PM	0	84	-3	123,664
4/30/18 9:30 PM	0	84	-3	123,664
4/30/18 10:00 PM	0	84	-3	123,664
4/30/18 10:30 PM	0	84	-3	123,664
4/30/18 11:00 PM	0	84	-3	123,664
4/30/18 11:30 PM	0	84	-3	123,664
5/1/18 12:00 AM	0	84	-3	123664
5/1/18 12:30 AM	0	84	-3	123664
5/1/18 1:00 AM	0	84	-3	123664
5/1/18 1:30 AM	0	84	-3	123664
5/1/18 2:00 AM	0	84	-3	123664
5/1/18 2:30 AM	0	84	-3	123664
5/1/18 3:00 AM	0	84	-3	123664
5/1/18 3:30 AM	0	84	-3	123664
5/1/18 4:00 AM	0	84	-3	123664
5/1/18 4:30 AM	0	84	-3	123664
5/1/18 5:00 AM	0	84	-3	123664
5/1/18 5:30 AM	0	84	-3	123664
5/1/18 6:00 AM	0	84	-3	123664
5/1/18 6:30 AM	0	84	-3	123664
5/1/18 7:00 AM	0	84	-3	123664
5/1/18 7:30 AM	0	84	-3	123664
5/1/18 8:00 AM	0	84	-3	123664
5/1/18 8:30 AM	0	85	-3	123664
5/1/18 9:00 AM	0	85	-4	123664
5/1/18 9:30 AM	0	85	-3	123664
5/1/18 10:00 AM	0	85	-3	123664
5/1/18 10:30 AM	0	85	689	123664

Negative value reflects the removal of the pressure gauge when the well was blocked-in for installation of downhole pressure gauges to support the Fall-Off Test.

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/1/18 11:00 AM	0	86	689	123664
5/1/18 11:30 AM	0	86	688	123664
5/1/18 12:00 PM	0	86	688	123664
5/1/18 12:30 PM	0	86	688	123664
5/1/18 1:00 PM	0	86	688	123664
5/1/18 1:30 PM	0	86	689	123664
5/1/18 2:00 PM	0	86	689	123664
5/1/18 2:30 PM	0	87	688	123664
5/1/18 3:00 PM	0	87	688	123664
5/1/18 3:30 PM	0	87	688	123664
5/1/18 4:00 PM	0	87	688	123664
5/1/18 4:30 PM	0	87	688	123664
5/1/18 5:00 PM	0	87	688	123664
5/1/18 5:30 PM	0	87	688	123664
5/1/18 6:00 PM	0	87	688	123664
5/1/18 6:30 PM	0	87	687	123664
5/1/18 7:00 PM	0	87	688	123664
5/1/18 7:30 PM	0	87	687	123664
5/1/18 8:00 PM	0	87	687	123664
5/1/18 8:30 PM	0	87	687	123664
5/1/18 9:00 PM	0	87	687	123664
5/1/18 9:30 PM	0	87	687	123664
5/1/18 10:00 PM	0	87	687	123664
5/1/18 10:30 PM	0	87	687	123664
5/1/18 11:00 PM	0	87	687	123664
5/1/18 11:30 PM	0	87	686	123664
5/2/18 12:00 AM	0	87	686	123664
5/2/18 12:30 AM	0	87	686	123664
5/2/18 1:00 AM	0	87	686	123664
5/2/18 1:30 AM	0	87	686	123664
5/2/18 2:00 AM	0	87	686	123664
5/2/18 2:30 AM	0	87	685	123664
5/2/18 3:00 AM	0	87	686	123664
5/2/18 3:30 AM	0	87	685	123664
5/2/18 4:00 AM	0	87	686	123664
5/2/18 4:30 AM	0	87	685	123664
5/2/18 5:00 AM	0	87	685	123664
5/2/18 5:30 AM	0	87	685	123664
5/2/18 6:00 AM	0	87	685	123664
5/2/18 6:30 AM	0	87	685	123664
5/2/18 7:00 AM	0	87	685	123664
5/2/18 7:30 AM	0	87	685	123664
5/2/18 8:00 AM	0	87	685	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/2/18 8:30 AM	0	87	685	123664
5/2/18 9:00 AM	0	87	684	123664
5/2/18 9:30 AM	0	88	684	123664
5/2/18 10:00 AM	0	88	684	123664
5/2/18 10:30 AM	0	88	684	123664
5/2/18 11:00 AM	0	88	684	123664
5/2/18 11:30 AM	0	89	684	123664
5/2/18 12:00 PM	0	89	683	123664
5/2/18 12:30 PM	0	89	683	123664
5/2/18 1:00 PM	0	89	683	123664
5/2/18 1:30 PM	0	89	683	123664
5/2/18 2:00 PM	0	89	683	123664
5/2/18 2:30 PM	0	89	683	123664
5/2/18 3:00 PM	0	90	683	123664
5/2/18 3:30 PM	0	90	683	123664
5/2/18 4:00 PM	0	90	683	123664
5/2/18 4:30 PM	0	90	683	123664
5/2/18 5:00 PM	0	90	683	123664
5/2/18 5:30 PM	0	90	682	123664
5/2/18 6:00 PM	0	90	682	123664
5/2/18 6:30 PM	0	90	682	123664
5/2/18 7:00 PM	0	90	682	123664
5/2/18 7:30 PM	0	90	682	123664
5/2/18 8:00 PM	0	90	682	123664
5/2/18 8:30 PM	0	90	682	123664
5/2/18 9:00 PM	0	90	682	123664
5/2/18 9:30 PM	0	90	682	123664
5/2/18 10:00 PM	0	90	681	123664
5/2/18 10:30 PM	0	90	681	123664
5/2/18 11:00 PM	0	90	681	123664
5/2/18 11:30 PM	0	90	681	123664
5/3/18 12:00 AM	0	90	681	123664
5/3/18 12:30 AM	0	90	681	123664
5/3/18 1:00 AM	0	90	680	123664
5/3/18 1:30 AM	0	90	681	123664
5/3/18 2:00 AM	0	90	681	123664
5/3/18 2:30 AM	0	90	680	123664
5/3/18 3:00 AM	0	90	680	123664
5/3/18 3:30 AM	0	90	681	123664
5/3/18 4:00 AM	0	90	679	123664
5/3/18 4:30 AM	0	90	680	123664
5/3/18 5:00 AM	0	90	680	123664
5/3/18 5:30 AM	0	90	680	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/3/18 6:00 AM	0	89	679	123664
5/3/18 6:30 AM	0	90	680	123664
5/3/18 7:00 AM	0	89	680	123664
5/3/18 7:30 AM	0	90	680	123664
5/3/18 8:00 AM	0	90	680	123664
5/3/18 8:30 AM	0	90	679	123664
5/3/18 9:00 AM	0	90	679	123664
5/3/18 9:30 AM	0	90	678	123664
5/3/18 10:00 AM	0	91	679	123664
5/3/18 10:30 AM	0	91	679	123664
5/3/18 11:00 AM	0	91	678	123664
5/3/18 11:30 AM	0	91	679	123664
5/3/18 12:00 PM	0	91	678	123664
5/3/18 12:30 PM	0	92	678	123664
5/3/18 1:00 PM	0	92	678	123664
5/3/18 1:30 PM	0	92	678	123664
5/3/18 2:00 PM	0	92	678	123664
5/3/18 2:30 PM	0	92	677	123664
5/3/18 3:00 PM	0	92	678	123664
5/3/18 3:30 PM	0	93	677	123664
5/3/18 4:00 PM	0	93	677	123664
5/3/18 4:30 PM	0	93	677	123664
5/3/18 5:00 PM	0	93	678	123664
5/3/18 5:30 PM	0	93	678	123664
5/3/18 6:00 PM	0	93	677	123664
5/3/18 6:30 PM	0	93	677	123664
5/3/18 7:00 PM	0	93	677	123664
5/3/18 7:30 PM	0	93	677	123664
5/3/18 8:00 PM	0	93	677	123664
5/3/18 8:30 PM	0	93	677	123664
5/3/18 9:00 PM	0	93	677	123664
5/3/18 9:30 PM	0	93	677	123664
5/3/18 10:00 PM	0	93	677	123664
5/3/18 10:30 PM	0	93	676	123664
5/3/18 11:00 PM	0	93	676	123664
5/3/18 11:30 PM	0	93	676	123664
5/4/18 12:00 AM	0	93	676	123664
5/4/18 12:30 AM	0	93	676	123664
5/4/18 1:00 AM	0	93	676	123664
5/4/18 1:30 AM	0	93	675	123664
5/4/18 2:00 AM	0	92	675	123664
5/4/18 2:30 AM	0	92	675	123664
5/4/18 3:00 AM	0	92	675	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/4/18 3:30 AM	0	92	675	123664
5/4/18 4:00 AM	0	92	675	123664
5/4/18 4:30 AM	0	92	675	123664
5/4/18 5:00 AM	0	92	675	123664
5/4/18 5:30 AM	0	92	675	123664
5/4/18 6:00 AM	0	92	675	123664
5/4/18 6:30 AM	0	92	675	123664
5/4/18 7:00 AM	0	92	676	123664
5/4/18 7:30 AM	0	92	675	123664
5/4/18 8:00 AM	0	92	675	123664
5/4/18 8:30 AM	0	92	675	123664
5/4/18 9:00 AM	0	93	674	123664
5/4/18 9:30 AM	0	93	674	123664
5/4/18 10:00 AM	0	93	674	123664
5/4/18 10:30 AM	0	93	674	123664
5/4/18 11:00 AM	0	94	674	123664
5/4/18 11:30 AM	0	94	673	123664
5/4/18 12:00 PM	0	94	674	123664
5/4/18 12:30 PM	0	94	674	123664
5/4/18 1:00 PM	0	94	673	123664
5/4/18 1:30 PM	0	95	673	123664
5/4/18 2:00 PM	0	95	673	123664
5/4/18 2:30 PM	0	95	673	123664
5/4/18 3:00 PM	0	95	673	123664
5/4/18 3:30 PM	0	95	673	123664
5/4/18 4:00 PM	0	95	673	123664
5/4/18 4:30 PM	0	96	673	123664
5/4/18 5:00 PM	0	96	672	123664
5/4/18 5:30 PM	0	96	673	123664
5/4/18 6:00 PM	0	96	672	123664
5/4/18 6:30 PM	0	96	672	123664
5/4/18 7:00 PM	0	96	672	123664
5/4/18 7:30 PM	0	96	672	123664
5/4/18 8:00 PM	0	96	672	123664
5/4/18 8:30 PM	0	96	672	123664
5/4/18 9:00 PM	0	96	672	123664
5/4/18 9:30 PM	0	96	672	123664
5/4/18 10:00 PM	0	96	672	123664
5/4/18 10:30 PM	0	96	672	123664
5/4/18 11:00 PM	0	96	671	123664
5/4/18 11:30 PM	0	95	671	123664
5/5/18 12:00 AM	0	96	671	123664
5/5/18 12:30 AM	0	95	672	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/5/18 1:00 AM	0	95	671	123664
5/5/18 1:30 AM	0	95	671	123664
5/5/18 2:00 AM	0	95	671	123664
5/5/18 2:30 AM	0	95	671	123664
5/5/18 3:00 AM	0	95	671	123664
5/5/18 3:30 AM	0	95	671	123664
5/5/18 4:00 AM	0	95	671	123664
5/5/18 4:30 AM	0	95	671	123664
5/5/18 5:00 AM	0	95	670	123664
5/5/18 5:30 AM	0	95	670	123664
5/5/18 6:00 AM	0	95	671	123664
5/5/18 6:30 AM	0	94	670	123664
5/5/18 7:00 AM	0	95	671	123664
5/5/18 7:30 AM	0	95	670	123664
5/5/18 8:00 AM	0	95	670	123664
5/5/18 8:30 AM	0	95	670	123664
5/5/18 9:00 AM	0	95	670	123664
5/5/18 9:30 AM	0	96	670	123664
5/5/18 10:00 AM	0	96	669	123664
5/5/18 10:30 AM	0	96	670	123664
5/5/18 11:00 AM	0	96	669	123664
5/5/18 11:30 AM	0	97	669	123664
5/5/18 12:00 PM	0	97	669	123664
5/5/18 12:30 PM	0	97	669	123664
5/5/18 1:00 PM	0	97	669	123664
5/5/18 1:30 PM	0	97	669	123664
5/5/18 2:00 PM	0	97	669	123664
5/5/18 2:30 PM	0	98	669	123664
5/5/18 3:00 PM	0	98	669	123664
5/5/18 3:30 PM	0	98	668	123664
5/5/18 4:00 PM	0	98	669	123664
5/5/18 4:30 PM	0	98	667	123664
5/5/18 5:00 PM	0	98	668	123664
5/5/18 5:30 PM	0	98	668	123664
5/5/18 6:00 PM	0	98	668	123664
5/5/18 6:30 PM	0	98	668	123664
5/5/18 7:00 PM	0	98	668	123664
5/5/18 7:30 PM	0	98	668	123664
5/5/18 8:00 PM	0	98	668	123664
5/5/18 8:30 PM	0	98	668	123664
5/5/18 9:00 PM	0	98	668	123664
5/5/18 9:30 PM	0	98	668	123664
5/5/18 10:00 PM	0	98	667	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/5/18 10:30 PM	0	98	668	123664
5/5/18 11:00 PM	0	98	667	123664
5/5/18 11:30 PM	0	98	667	123664
5/6/18 12:00 AM	0	98	667	123664
5/6/18 12:30 AM	0	98	667	123664
5/6/18 1:00 AM	0	98	667	123664
5/6/18 1:30 AM	0	98	667	123664
5/6/18 2:00 AM	0	98	667	123664
5/6/18 2:30 AM	0	98	667	123664
5/6/18 3:00 AM	0	97	667	123664
5/6/18 3:30 AM	0	97	667	123664
5/6/18 4:00 AM	0	97	667	123664
5/6/18 4:30 AM	0	97	666	123664
5/6/18 5:00 AM	0	97	667	123664
5/6/18 5:30 AM	0	97	666	123664
5/6/18 6:00 AM	0	97	666	123664
5/6/18 6:30 AM	0	97	666	123664
5/6/18 7:00 AM	0	97	666	123664
5/6/18 7:30 AM	0	97	666	123664
5/6/18 8:00 AM	0	97	666	123664
5/6/18 8:30 AM	0	98	665	123664
5/6/18 9:00 AM	0	98	666	123664
5/6/18 9:30 AM	0	98	666	123664
5/6/18 10:00 AM	0	98	665	123664
5/6/18 10:30 AM	0	98	666	123664
5/6/18 11:00 AM	0	99	665	123664
5/6/18 11:30 AM	0	99	665	123664
5/6/18 12:00 PM	0	99	664	123664
5/6/18 12:30 PM	0	99	664	123664
5/6/18 1:00 PM	0	99	665	123664
5/6/18 1:30 PM	0	100	665	123664
5/6/18 2:00 PM	0	100	665	123664
5/6/18 2:30 PM	0	100	665	123664
5/6/18 3:00 PM	0	100	664	123664
5/6/18 3:30 PM	0	100	664	123664
5/6/18 4:00 PM	0	100	665	123664
5/6/18 4:30 PM	0	100	664	123664
5/6/18 5:00 PM	0	100	664	123664
5/6/18 5:30 PM	0	100	664	123664
5/6/18 6:00 PM	0	100	664	123664
5/6/18 6:30 PM	0	100	664	123664
5/6/18 7:00 PM	0	100	664	123664
5/6/18 7:30 PM	0	101	664	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/6/18 8:00 PM	0	101	664	123664
5/6/18 8:30 PM	0	101	664	123664
5/6/18 9:00 PM	0	100	664	123664
5/6/18 9:30 PM	0	100	663	123664
5/6/18 10:00 PM	0	100	664	123664
5/6/18 10:30 PM	0	100	663	123664
5/6/18 11:00 PM	0	100	663	123664
5/6/18 11:30 PM	0	100	663	123664
5/7/18 12:00 AM	0	100	663	123664
5/7/18 12:30 AM	0	100	663	123664
5/7/18 1:00 AM	0	100	663	123664
5/7/18 1:30 AM	0	100	663	123664
5/7/18 2:00 AM	0	100	663	123664
5/7/18 2:30 AM	0	100	663	123664
5/7/18 3:00 AM	0	100	663	123664
5/7/18 3:30 AM	0	100	662	123664
5/7/18 4:00 AM	0	100	663	123664
5/7/18 4:30 AM	0	100	662	123664
5/7/18 5:00 AM	0	100	662	123664
5/7/18 5:30 AM	0	100	662	123664
5/7/18 6:00 AM	0	100	662	123664
5/7/18 6:30 AM	0	100	662	123664
5/7/18 7:00 AM	0	100	662	123664
5/7/18 7:30 AM	0	100	662	123664
5/7/18 8:00 AM	0	100	662	123664
5/7/18 8:30 AM	0	100	662	123664
5/7/18 9:00 AM	0	100	662	123664
5/7/18 9:30 AM	0	100	662	123664
5/7/18 10:00 AM	0	101	661	123664
5/7/18 10:30 AM	0	101	661	123664
5/7/18 11:00 AM	0	101	661	123664
5/7/18 11:30 AM	0	101	661	123664
5/7/18 12:00 PM	0	101	660	123664
5/7/18 12:30 PM	0	101	661	123664
5/7/18 1:00 PM	0	102	660	123664
5/7/18 1:30 PM	0	102	661	123664
5/7/18 2:00 PM	0	102	661	123664
5/7/18 2:30 PM	0	102	661	123664
5/7/18 3:00 PM	0	102	661	123664
5/7/18 3:30 PM	0	102	660	123664
5/7/18 4:00 PM	0	102	660	123664
5/7/18 4:30 PM	0	102	660	123664
5/7/18 5:00 PM	0	102	660	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/7/18 5:30 PM	0	102	660	123664
5/7/18 6:00 PM	0	102	660	123664
5/7/18 6:30 PM	0	102	660	123664
5/7/18 7:00 PM	0	102	660	123664
5/7/18 7:30 PM	0	102	660	123664
5/7/18 8:00 PM	0	102	660	123664
5/7/18 8:30 PM	0	102	660	123664
5/7/18 9:00 PM	0	102	660	123664
5/7/18 9:30 PM	0	102	660	123664
5/7/18 10:00 PM	0	102	659	123664
5/7/18 10:30 PM	0	102	659	123664
5/7/18 11:00 PM	0	101	659	123664
5/7/18 11:30 PM	0	101	659	123664
5/8/18 12:00 AM	0	101	659	123664
5/8/18 12:30 AM	0	101	659	123664
5/8/18 1:00 AM	0	101	659	123664
5/8/18 1:30 AM	0	101	659	123664
5/8/18 2:00 AM	0	101	659	123664
5/8/18 2:30 AM	0	101	659	123664
5/8/18 3:00 AM	0	101	659	123664
5/8/18 3:30 AM	0	101	659	123664
5/8/18 4:00 AM	0	101	658	123664
5/8/18 4:30 AM	0	101	658	123664
5/8/18 5:00 AM	0	101	659	123664
5/8/18 5:30 AM	0	101	658	123664
5/8/18 6:00 AM	0	101	659	123664
5/8/18 6:30 AM	0	101	659	123664
5/8/18 7:00 AM	0	101	659	123664
5/8/18 7:30 AM	0	101	659	123664
5/8/18 8:00 AM	0	101	658	123664
5/8/18 8:30 AM	0	101	658	123664
5/8/18 9:00 AM	0	102	657	123664
5/8/18 9:30 AM	0	102	658	123664
5/8/18 10:00 AM	0	102	657	123664
5/8/18 10:30 AM	0	102	658	123664
5/8/18 11:00 AM	0	102	658	123664
5/8/18 11:30 AM	0	102	658	123664
5/8/18 12:00 PM	0	102	658	123664
5/8/18 12:30 PM	0	102	657	123664
5/8/18 1:00 PM	0	102	657	123664
5/8/18 1:30 PM	0	102	657	123664
5/8/18 2:00 PM	0	102	657	123664
5/8/18 2:30 PM	0	102	657	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/8/18 3:00 PM	0	103	657	123664
5/8/18 3:30 PM	0	103	657	123664
5/8/18 4:00 PM	0	103	657	123664
5/8/18 4:30 PM	0	103	657	123664
5/8/18 5:00 PM	0	103	655	123664
5/8/18 5:30 PM	0	103	657	123664
5/8/18 6:00 PM	0	103	657	123664
5/8/18 6:30 PM	0	103	656	123664
5/8/18 7:00 PM	0	103	656	123664
5/8/18 7:30 PM	0	103	656	123664
5/8/18 8:00 PM	0	103	656	123664
5/8/18 8:30 PM	0	103	656	123664
5/8/18 9:00 PM	0	103	656	123664
5/8/18 9:30 PM	0	103	656	123664
5/8/18 10:00 PM	0	103	656	123664
5/8/18 10:30 PM	0	103	656	123664
5/8/18 11:00 PM	0	103	656	123664
5/8/18 11:30 PM	0	102	656	123664
5/9/18 12:00 AM	0	102	656	123664
5/9/18 12:30 AM	0	102	656	123664
5/9/18 1:00 AM	0	102	656	123664
5/9/18 1:30 AM	0	102	655	123664
5/9/18 2:00 AM	0	102	656	123664
5/9/18 2:30 AM	0	102	656	123664
5/9/18 3:00 AM	0	102	655	123664
5/9/18 3:30 AM	0	102	655	123664
5/9/18 4:00 AM	0	102	655	123664
5/9/18 4:30 AM	0	102	655	123664
5/9/18 5:00 AM	0	102	655	123664
5/9/18 5:30 AM	0	102	655	123664
5/9/18 6:00 AM	0	102	655	123664
5/9/18 6:30 AM	0	102	655	123664
5/9/18 7:00 AM	0	102	655	123664
5/9/18 7:30 AM	0	103	655	123664
5/9/18 8:00 AM	0	103	654	123664
5/9/18 8:30 AM	0	103	654	123664
5/9/18 9:00 AM	0	103	655	123664
5/9/18 9:30 AM	0	103	654	123664
5/9/18 10:00 AM	0	103	654	123664
5/9/18 10:30 AM	0	104	653	123664
5/9/18 11:00 AM	0	104	653	123664
5/9/18 11:30 AM	0	104	654	123664
5/9/18 12:00 PM	0	104	654	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/9/18 12:30 PM	0	104	655	123664
5/9/18 1:00 PM	0	104	654	123664
5/9/18 1:30 PM	0	104	653	123664
5/9/18 2:00 PM	0	105	654	123664
5/9/18 2:30 PM	0	105	653	123664
5/9/18 3:00 PM	0	105	653	123664
5/9/18 3:30 PM	0	105	653	123664
5/9/18 4:00 PM	0	105	653	123664
5/9/18 4:30 PM	0	105	653	123664
5/9/18 5:00 PM	0	105	653	123664
5/9/18 5:30 PM	0	104	653	123664
5/9/18 6:00 PM	0	104	653	123664
5/9/18 6:30 PM	0	104	653	123664
5/9/18 7:00 PM	0	104	653	123664
5/9/18 7:30 PM	0	104	653	123664
5/9/18 8:00 PM	0	104	653	123664
5/9/18 8:30 PM	0	104	653	123664
5/9/18 9:00 PM	0	104	653	123664
5/9/18 9:30 PM	0	104	653	123664
5/9/18 10:00 PM	0	104	653	123664
5/9/18 10:30 PM	0	104	653	123664
5/9/18 11:00 PM	0	104	653	123664
5/9/18 11:30 PM	0	104	652	123664
5/10/18 12:00 AM	0	104	652	123664
5/10/18 12:30 AM	0	104	652	123664
5/10/18 1:00 AM	0	104	652	123664
5/10/18 1:30 AM	0	104	652	123664
5/10/18 2:00 AM	0	104	652	123664
5/10/18 2:30 AM	0	104	652	123664
5/10/18 3:00 AM	0	104	652	123664
5/10/18 3:30 AM	0	104	652	123664
5/10/18 4:00 AM	0	104	652	123664
5/10/18 4:30 AM	0	104	652	123664
5/10/18 5:00 AM	0	104	652	123664
5/10/18 5:30 AM	0	104	651	123664
5/10/18 6:00 AM	0	104	651	123664
5/10/18 6:30 AM	0	104	651	123664
5/10/18 7:00 AM	0	104	651	123664
5/10/18 7:30 AM	0	104	651	123664
5/10/18 8:00 AM	0	104	651	123664
5/10/18 8:30 AM	0	104	651	123664
5/10/18 9:00 AM	0	104	651	123664
5/10/18 9:30 AM	0	104	651	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/10/18 10:00 AM	0	104	651	123664
5/10/18 10:30 AM	0	104	651	123664
5/10/18 11:00 AM	0	105	651	123664
5/10/18 11:30 AM	0	105	651	123664
5/10/18 12:00 PM	0	105	651	123664
5/10/18 12:30 PM	0	105	651	123664
5/10/18 1:00 PM	0	105	651	123664
5/10/18 1:30 PM	0	105	650	123664
5/10/18 2:00 PM	0	105	651	123664
5/10/18 2:30 PM	0	105	650	123664
5/10/18 3:00 PM	0	105	650	123664
5/10/18 3:30 PM	0	105	650	123664
5/10/18 4:00 PM	0	106	650	123664
5/10/18 4:30 PM	0	106	649	123664
5/10/18 5:00 PM	0	106	650	123664
5/10/18 5:30 PM	0	106	650	123664
5/10/18 6:00 PM	0	106	650	123664
5/10/18 6:30 PM	0	106	650	123664
5/10/18 7:00 PM	0	106	650	123664
5/10/18 7:30 PM	0	106	650	123664
5/10/18 8:00 PM	0	106	649	123664
5/10/18 8:30 PM	0	106	649	123664
5/10/18 9:00 PM	0	106	649	123664
5/10/18 9:30 PM	0	106	649	123664
5/10/18 10:00 PM	0	106	649	123664
5/10/18 10:30 PM	0	106	649	123664
5/10/18 11:00 PM	0	106	649	123664
5/10/18 11:30 PM	0	106	649	123664
5/11/18 12:00 AM	0	106	649	123664
5/11/18 12:30 AM	0	106	649	123664
5/11/18 1:00 AM	0	106	649	123664
5/11/18 1:30 AM	0	106	649	123664
5/11/18 2:00 AM	0	106	649	123664
5/11/18 2:30 AM	0	106	649	123664
5/11/18 3:00 AM	0	106	649	123664
5/11/18 3:30 AM	0	106	649	123664
5/11/18 4:00 AM	0	106	649	123664
5/11/18 4:30 AM	0	106	649	123664
5/11/18 5:00 AM	0	106	648	123664
5/11/18 5:30 AM	0	106	648	123664
5/11/18 6:00 AM	0	106	648	123664
5/11/18 6:30 AM	0	106	648	123664
5/11/18 7:00 AM	0	106	648	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/11/18 7:30 AM	0	106	648	123664
5/11/18 8:00 AM	0	106	648	123664
5/11/18 8:30 AM	0	106	648	123664
5/11/18 9:00 AM	0	106	648	123664
5/11/18 9:30 AM	0	106	648	123664
5/11/18 10:00 AM	0	107	648	123664
5/11/18 10:30 AM	0	107	649	123664
5/11/18 11:00 AM	0	107	647	123664
5/11/18 11:30 AM	0	107	647	123664
5/11/18 12:00 PM	0	107	646	123664
5/11/18 12:30 PM	0	107	648	123664
5/11/18 1:00 PM	0	107	647	123664
5/11/18 1:30 PM	0	108	647	123664
5/11/18 2:00 PM	0	108	648	123664
5/11/18 2:30 PM	0	108	647	123664
5/11/18 3:00 PM	0	108	648	123664
5/11/18 3:30 PM	0	108	647	123664
5/11/18 4:00 PM	0	108	647	123664
5/11/18 4:30 PM	0	108	647	123664
5/11/18 5:00 PM	0	109	646	123664
5/11/18 5:30 PM	0	109	647	123664
5/11/18 6:00 PM	0	109	647	123664
5/11/18 6:30 PM	0	109	647	123664
5/11/18 7:00 PM	0	109	646	123664
5/11/18 7:30 PM	0	109	647	123664
5/11/18 8:00 PM	0	109	646	123664
5/11/18 8:30 PM	0	109	646	123664
5/11/18 9:00 PM	0	109	646	123664
5/11/18 9:30 PM	0	109	646	123664
5/11/18 10:00 PM	0	109	646	123664
5/11/18 10:30 PM	0	108	646	123664
5/11/18 11:00 PM	0	108	646	123664
5/11/18 11:30 PM	0	108	646	123664
5/12/18 12:00 AM	0	108	646	123664
5/12/18 12:30 AM	0	108	646	123664
5/12/18 1:00 AM	0	108	646	123664
5/12/18 1:30 AM	0	108	646	123664
5/12/18 2:00 AM	0	108	645	123664
5/12/18 2:30 AM	0	108	646	123664
5/12/18 3:00 AM	0	108	645	123664
5/12/18 3:30 AM	0	108	646	123664
5/12/18 4:00 AM	0	108	645	123664
5/12/18 4:30 AM	0	108	645	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/12/18 5:00 AM	0	108	645	123664
5/12/18 5:30 AM	0	108	645	123664
5/12/18 6:00 AM	0	108	645	123664
5/12/18 6:30 AM	0	108	645	123664
5/12/18 7:00 AM	0	108	645	123664
5/12/18 7:30 AM	0	108	645	123664
5/12/18 8:00 AM	0	108	645	123664
5/12/18 8:30 AM	0	108	645	123664
5/12/18 9:00 AM	0	108	645	123664
5/12/18 9:30 AM	0	109	644	123664
5/12/18 10:00 AM	0	109	645	123664
5/12/18 10:30 AM	0	109	644	123664
5/12/18 11:00 AM	0	109	644	123664
5/12/18 11:30 AM	0	110	644	123664
5/12/18 12:00 PM	0	110	644	123664
5/12/18 12:30 PM	0	110	644	123664
5/12/18 1:00 PM	0	110	643	123664
5/12/18 1:30 PM	0	110	644	123664
5/12/18 2:00 PM	0	110	644	123664
5/12/18 2:30 PM	0	110	644	123664
5/12/18 3:00 PM	0	111	643	123664
5/12/18 3:30 PM	0	111	644	123664
5/12/18 4:00 PM	0	111	644	123664
5/12/18 4:30 PM	0	111	643	123664
5/12/18 5:00 PM	0	111	644	123664
5/12/18 5:30 PM	0	111	644	123664
5/12/18 6:00 PM	0	111	643	123664
5/12/18 6:30 PM	0	111	643	123664
5/12/18 7:00 PM	0	111	643	123664
5/12/18 7:30 PM	0	111	643	123664
5/12/18 8:00 PM	0	111	643	123664
5/12/18 8:30 PM	0	111	643	123664
5/12/18 9:00 PM	0	111	643	123664
5/12/18 9:30 PM	0	111	643	123664
5/12/18 10:00 PM	0	111	643	123664
5/12/18 10:30 PM	0	111	643	123664
5/12/18 11:00 PM	0	111	643	123664
5/12/18 11:30 PM	0	111	643	123664
5/13/18 12:00 AM	0	111	643	123664
5/13/18 12:30 AM	0	111	643	123664
5/13/18 1:00 AM	0	110	643	123664
5/13/18 1:30 AM	0	110	643	123664
5/13/18 2:00 AM	0	110	643	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/13/18 2:30 AM	0	110	642	123664
5/13/18 3:00 AM	0	110	642	123664
5/13/18 3:30 AM	0	110	642	123664
5/13/18 4:00 AM	0	110	642	123664
5/13/18 4:30 AM	0	110	642	123664
5/13/18 5:00 AM	0	110	642	123664
5/13/18 5:30 AM	0	110	642	123664
5/13/18 6:00 AM	0	110	642	123664
5/13/18 6:30 AM	0	110	642	123664
5/13/18 7:00 AM	0	110	642	123664
5/13/18 7:30 AM	0	110	642	123664
5/13/18 8:00 AM	0	110	642	123664
5/13/18 8:30 AM	0	110	642	123664
5/13/18 9:00 AM	0	110	642	123664
5/13/18 9:30 AM	0	111	641	123664
5/13/18 10:00 AM	0	111	641	123664
5/13/18 10:30 AM	0	111	641	123664
5/13/18 11:00 AM	0	111	641	123664
5/13/18 11:30 AM	0	112	641	123664
5/13/18 12:00 PM	0	112	642	123664
5/13/18 12:30 PM	0	112	641	123664
5/13/18 1:00 PM	0	112	641	123664
5/13/18 1:30 PM	0	112	641	123664
5/13/18 2:00 PM	0	112	641	123664
5/13/18 2:30 PM	0	112	641	123664
5/13/18 3:00 PM	0	113	641	123664
5/13/18 3:30 PM	0	113	641	123664
5/13/18 4:00 PM	0	113	641	123664
5/13/18 4:30 PM	0	113	641	123664
5/13/18 5:00 PM	0	113	641	123664
5/13/18 5:30 PM	0	113	641	123664
5/13/18 6:00 PM	0	113	640	123664
5/13/18 6:30 PM	0	113	641	123664
5/13/18 7:00 PM	0	113	641	123664
5/13/18 7:30 PM	0	113	641	123664
5/13/18 8:00 PM	0	113	640	123664
5/13/18 8:30 PM	0	113	640	123664
5/13/18 9:00 PM	0	113	640	123664
5/13/18 9:30 PM	0	113	640	123664
5/13/18 10:00 PM	0	113	640	123664
5/13/18 10:30 PM	0	113	640	123664
5/13/18 11:00 PM	0	113	640	123664
5/13/18 11:30 PM	0	113	640	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/14/18 12:00 AM	0	113	640	123664
5/14/18 12:30 AM	0	112	640	123664
5/14/18 1:00 AM	0	112	640	123664
5/14/18 1:30 AM	0	112	640	123664
5/14/18 2:00 AM	0	112	640	123664
5/14/18 2:30 AM	0	112	640	123664
5/14/18 3:00 AM	0	112	640	123664
5/14/18 3:30 AM	0	112	639	123664
5/14/18 4:00 AM	0	112	639	123664
5/14/18 4:30 AM	0	112	639	123664
5/14/18 5:00 AM	0	111	639	123664
5/14/18 5:30 AM	0	111	639	123664
5/14/18 6:00 AM	0	111	639	123664
5/14/18 6:30 AM	0	111	640	123664
5/14/18 7:00 AM	0	111	639	123664
5/14/18 7:30 AM	0	111	639	123664
5/14/18 8:00 AM	0	112	639	123664
5/14/18 8:30 AM	0	112	639	123664
5/14/18 9:00 AM	0	112	639	123664
5/14/18 9:30 AM	0	112	639	123664
5/14/18 10:00 AM	0	112	639	123664
5/14/18 10:30 AM	0	113	639	123664
5/14/18 11:00 AM	0	113	639	123664
5/14/18 11:30 AM	0	113	638	123664
5/14/18 12:00 PM	0	113	639	123664
5/14/18 12:30 PM	0	114	638	123664
5/14/18 1:00 PM	0	114	639	123664
5/14/18 1:30 PM	0	114	639	123664
5/14/18 2:00 PM	0	114	638	123664
5/14/18 2:30 PM	0	114	638	123664
5/14/18 3:00 PM	0	114	638	123664
5/14/18 3:30 PM	0	114	638	123664
5/14/18 4:00 PM	0	114	638	123664
5/14/18 4:30 PM	0	114	638	123664
5/14/18 5:00 PM	0	115	638	123664
5/14/18 5:30 PM	0	115	638	123664
5/14/18 6:00 PM	0	115	638	123664
5/14/18 6:30 PM	0	115	638	123664
5/14/18 7:00 PM	0	115	638	123664
5/14/18 7:30 PM	0	115	638	123664
5/14/18 8:00 PM	0	115	637	123664
5/14/18 8:30 PM	0	115	637	123664
5/14/18 9:00 PM	0	115	637	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/14/18 9:30 PM	0	115	637	123664
5/14/18 10:00 PM	0	115	637	123664
5/14/18 10:30 PM	0	115	637	123664
5/14/18 11:00 PM	0	115	637	123664
5/14/18 11:30 PM	0	115	637	123664
5/15/18 12:00 AM	0	115	637	123664
5/15/18 12:30 AM	0	115	637	123664
5/15/18 1:00 AM	0	115	637	123664
5/15/18 1:30 AM	0	115	637	123664
5/15/18 2:00 AM	0	115	637	123664
5/15/18 2:30 AM	0	115	637	123664
5/15/18 3:00 AM	0	114	637	123664
5/15/18 3:30 AM	0	114	637	123664
5/15/18 4:00 AM	0	114	637	123664
5/15/18 4:30 AM	0	114	637	123664
5/15/18 5:00 AM	0	114	637	123664
5/15/18 5:30 AM	0	114	637	123664
5/15/18 6:00 AM	0	114	636	123664
5/15/18 6:30 AM	0	114	637	123664
5/15/18 7:00 AM	0	114	637	123664
5/15/18 7:30 AM	0	114	637	123664
5/15/18 8:00 AM	0	114	637	123664
5/15/18 8:30 AM	0	114	636	123664
5/15/18 9:00 AM	0	114	636	123664
5/15/18 9:30 AM	0	114	636	123664
5/15/18 10:00 AM	0	114	636	123664
5/15/18 10:30 AM	0	114	636	123664
5/15/18 11:00 AM	0	114	636	123664
5/15/18 11:30 AM	0	115	636	123664
5/15/18 12:00 PM	0	115	636	123664
5/15/18 12:30 PM	0	115	636	123664
5/15/18 1:00 PM	0	115	636	123664
5/15/18 1:30 PM	0	115	635	123664
5/15/18 2:00 PM	0	115	636	123664
5/15/18 2:30 PM	0	115	635	123664
5/15/18 3:00 PM	0	115	635	123664
5/15/18 3:30 PM	0	115	636	123664
5/15/18 4:00 PM	0	116	635	123664
5/15/18 4:30 PM	0	116	635	123664
5/15/18 5:00 PM	0	116	635	123664
5/15/18 5:30 PM	0	116	635	123664
5/15/18 6:00 PM	0	116	635	123664
5/15/18 6:30 PM	0	116	635	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/15/18 7:00 PM	0	116	635	123664
5/15/18 7:30 PM	0	116	635	123664
5/15/18 8:00 PM	0	116	635	123664
5/15/18 8:30 PM	0	116	635	123664
5/15/18 9:00 PM	0	116	635	123664
5/15/18 9:30 PM	0	116	635	123664
5/15/18 10:00 PM	0	116	635	123664
5/15/18 10:30 PM	0	116	635	123664
5/15/18 11:00 PM	0	116	635	123664
5/15/18 11:30 PM	0	116	635	123664
5/16/18 12:00 AM	0	116	635	123664
5/16/18 12:30 AM	0	116	635	123664
5/16/18 1:00 AM	0	116	634	123664
5/16/18 1:30 AM	0	116	635	123664
5/16/18 2:00 AM	0	116	634	123664
5/16/18 2:30 AM	0	116	634	123664
5/16/18 3:00 AM	0	116	634	123664
5/16/18 3:30 AM	0	116	634	123664
5/16/18 4:00 AM	0	116	634	123664
5/16/18 4:30 AM	0	116	634	123664
5/16/18 5:00 AM	0	116	634	123664
5/16/18 5:30 AM	0	116	634	123664
5/16/18 6:00 AM	0	116	634	123664
5/16/18 6:30 AM	0	116	634	123664
5/16/18 7:00 AM	0	115	634	123664
5/16/18 7:30 AM	0	115	634	123664
5/16/18 8:00 AM	0	115	634	123664
5/16/18 8:30 AM	0	115	634	123664
5/16/18 9:00 AM	0	116	634	123664
5/16/18 9:30 AM	0	116	634	123664
5/16/18 10:00 AM	0	116	634	123664
5/16/18 10:30 AM	0	116	634	123664
5/16/18 11:00 AM	0	116	633	123664
5/16/18 11:30 AM	0	116	633	123664
5/16/18 12:00 PM	0	116	633	123664
5/16/18 12:30 PM	0	116	633	123664
5/16/18 1:00 PM	0	116	633	123664
5/16/18 1:30 PM	0	116	633	123664
5/16/18 2:00 PM	0	116	633	123664
5/16/18 2:30 PM	0	116	633	123664
5/16/18 3:00 PM	0	116	633	123664
5/16/18 3:30 PM	0	117	633	123664
5/16/18 4:00 PM	0	117	633	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/16/18 4:30 PM	0	117	633	123664
5/16/18 5:00 PM	0	117	633	123664
5/16/18 5:30 PM	0	117	633	123664
5/16/18 6:00 PM	0	117	633	123664
5/16/18 6:30 PM	0	117	633	123664
5/16/18 7:00 PM	0	117	632	123664
5/16/18 7:30 PM	0	117	632	123664
5/16/18 8:00 PM	0	117	632	123664
5/16/18 8:30 PM	0	117	632	123664
5/16/18 9:00 PM	0	117	632	123664
5/16/18 9:30 PM	0	117	632	123664
5/16/18 10:00 PM	0	117	632	123664
5/16/18 10:30 PM	0	117	632	123664
5/16/18 11:00 PM	0	117	632	123664
5/16/18 11:30 PM	0	117	632	123664
5/17/18 12:00 AM	0	117	632	123664
5/17/18 12:30 AM	0	117	632	123664
5/17/18 1:00 AM	0	117	632	123664
5/17/18 1:30 AM	0	117	632	123664
5/17/18 2:00 AM	0	117	632	123664
5/17/18 2:30 AM	0	117	632	123664
5/17/18 3:00 AM	0	117	632	123664
5/17/18 3:30 AM	0	117	632	123664
5/17/18 4:00 AM	0	117	632	123664
5/17/18 4:30 AM	0	117	632	123664
5/17/18 5:00 AM	0	117	632	123664
5/17/18 5:30 AM	0	117	632	123664
5/17/18 6:00 AM	0	117	632	123664
5/17/18 6:30 AM	0	117	632	123664
5/17/18 7:00 AM	0	117	631	123664
5/17/18 7:30 AM	0	117	631	123664
5/17/18 8:00 AM	0	117	631	123664
5/17/18 8:30 AM	0	117	631	123664
5/17/18 9:00 AM	0	117	631	123664
5/17/18 9:30 AM	0	117	631	123664
5/17/18 10:00 AM	0	117	631	123664
5/17/18 10:30 AM	0	117	631	123664
5/17/18 11:00 AM	0	117	631	123664
5/17/18 11:30 AM	0	117	631	123664
5/17/18 12:00 PM	0	117	631	123664
5/17/18 12:30 PM	0	117	631	123664
5/17/18 1:00 PM	0	117	630	123664
5/17/18 1:30 PM	0	117	631	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/17/18 2:00 PM	0	117	631	123664
5/17/18 2:30 PM	0	117	631	123664
5/17/18 3:00 PM	0	117	631	123664
5/17/18 3:30 PM	0	117	631	123664
5/17/18 4:00 PM	0	117	631	123664
5/17/18 4:30 PM	0	117	630	123664
5/17/18 5:00 PM	0	117	630	123664
5/17/18 5:30 PM	0	117	630	123664
5/17/18 6:00 PM	0	117	630	123664
5/17/18 6:30 PM	0	117	630	123664
5/17/18 7:00 PM	0	117	630	123664
5/17/18 7:30 PM	0	118	630	123664
5/17/18 8:00 PM	0	118	630	123664
5/17/18 8:30 PM	0	117	630	123664
5/17/18 9:00 PM	0	118	630	123664
5/17/18 9:30 PM	0	118	630	123664
5/17/18 10:00 PM	0	118	630	123664
5/17/18 10:30 PM	0	117	630	123664
5/17/18 11:00 PM	0	117	630	123664
5/17/18 11:30 PM	0	117	630	123664
5/18/18 12:00 AM	0	117	630	123664
5/18/18 12:30 AM	0	117	630	123664
5/18/18 1:00 AM	0	117	629	123664
5/18/18 1:30 AM	0	117	629	123664
5/18/18 2:00 AM	0	117	629	123664
5/18/18 2:30 AM	0	117	629	123664
5/18/18 3:00 AM	0	117	629	123664
5/18/18 3:30 AM	0	117	629	123664
5/18/18 4:00 AM	0	117	629	123664
5/18/18 4:30 AM	0	117	629	123664
5/18/18 5:00 AM	0	117	629	123664
5/18/18 5:30 AM	0	117	629	123664
5/18/18 6:00 AM	0	117	629	123664
5/18/18 6:30 AM	0	117	629	123664
5/18/18 7:00 AM	0	117	629	123664
5/18/18 7:30 AM	0	117	629	123664
5/18/18 8:00 AM	0	117	629	123664
5/18/18 8:30 AM	0	117	629	123664
5/18/18 9:00 AM	0	117	629	123664
5/18/18 9:30 AM	0	117	629	123664
5/18/18 10:00 AM	0	117	628	123664
5/18/18 10:30 AM	0	117	629	123664
5/18/18 11:00 AM	0	117	628	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/18/18 11:30 AM	0	117	628	123664
5/18/18 12:00 PM	0	117	628	123664
5/18/18 12:30 PM	0	117	628	123664
5/18/18 1:00 PM	0	118	628	123664
5/18/18 1:30 PM	0	118	628	123664
5/18/18 2:00 PM	0	118	628	123664
5/18/18 2:30 PM	0	118	628	123664
5/18/18 3:00 PM	0	118	628	123664
5/18/18 3:30 PM	0	118	628	123664
5/18/18 4:00 PM	0	118	628	123664
5/18/18 4:30 PM	0	118	628	123664
5/18/18 5:00 PM	0	118	627	123664
5/18/18 5:30 PM	0	118	628	123664
5/18/18 6:00 PM	0	118	628	123664
5/18/18 6:30 PM	0	118	628	123664
5/18/18 7:00 PM	0	118	627	123664
5/18/18 7:30 PM	0	118	627	123664
5/18/18 8:00 PM	0	119	627	123664
5/18/18 8:30 PM	0	118	627	123664
5/18/18 9:00 PM	0	118	627	123664
5/18/18 9:30 PM	0	118	627	123664
5/18/18 10:00 PM	0	118	627	123664
5/18/18 10:30 PM	0	118	627	123664
5/18/18 11:00 PM	0	118	627	123664
5/18/18 11:30 PM	0	118	627	123664
5/19/18 12:00 AM	0	118	627	123664
5/19/18 12:30 AM	0	118	627	123664
5/19/18 1:00 AM	0	118	627	123664
5/19/18 1:30 AM	0	118	627	123664
5/19/18 2:00 AM	0	118	627	123664
5/19/18 2:30 AM	0	118	627	123664
5/19/18 3:00 AM	0	118	627	123664
5/19/18 3:30 AM	0	118	627	123664
5/19/18 4:00 AM	0	118	627	123664
5/19/18 4:30 AM	0	118	627	123664
5/19/18 5:00 AM	0	118	627	123664
5/19/18 5:30 AM	0	118	627	123664
5/19/18 6:00 AM	0	118	627	123664
5/19/18 6:30 AM	0	118	627	123664
5/19/18 7:00 AM	0	118	626	123664
5/19/18 7:30 AM	0	118	626	123664
5/19/18 8:00 AM	0	118	626	123664
5/19/18 8:30 AM	0	118	626	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/19/18 9:00 AM	0	118	626	123664
5/19/18 9:30 AM	0	118	626	123664
5/19/18 10:00 AM	0	118	626	123664
5/19/18 10:30 AM	0	118	626	123664
5/19/18 11:00 AM	0	118	626	123664
5/19/18 11:30 AM	0	118	626	123664
5/19/18 12:00 PM	0	118	626	123664
5/19/18 12:30 PM	0	118	626	123664
5/19/18 1:00 PM	0	119	626	123664
5/19/18 1:30 PM	0	119	626	123664
5/19/18 2:00 PM	0	119	626	123664
5/19/18 2:30 PM	0	119	625	123664
5/19/18 3:00 PM	0	119	625	123664
5/19/18 3:30 PM	0	119	625	123664
5/19/18 4:00 PM	0	119	625	123664
5/19/18 4:30 PM	0	119	625	123664
5/19/18 5:00 PM	0	119	625	123664
5/19/18 5:30 PM	0	119	625	123664
5/19/18 6:00 PM	0	119	625	123664
5/19/18 6:30 PM	0	119	625	123664
5/19/18 7:00 PM	0	119	625	123664
5/19/18 7:30 PM	0	119	625	123664
5/19/18 8:00 PM	0	119	625	123664
5/19/18 8:30 PM	0	119	625	123664
5/19/18 9:00 PM	0	119	625	123664
5/19/18 9:30 PM	0	119	625	123664
5/19/18 10:00 PM	0	119	625	123664
5/19/18 10:30 PM	0	119	625	123664
5/19/18 11:00 PM	0	119	625	123664
5/19/18 11:30 PM	0	119	625	123664
5/20/18 12:00 AM	0	119	625	123664
5/20/18 12:30 AM	0	119	625	123664
5/20/18 1:00 AM	0	119	625	123664
5/20/18 1:30 AM	0	119	625	123664
5/20/18 2:00 AM	0	119	625	123664
5/20/18 2:30 AM	0	119	625	123664
5/20/18 3:00 AM	0	119	625	123664
5/20/18 3:30 AM	0	119	625	123664
5/20/18 4:00 AM	0	119	624	123664
5/20/18 4:30 AM	0	119	624	123664
5/20/18 5:00 AM	0	119	624	123664
5/20/18 5:30 AM	0	119	624	123664
5/20/18 6:00 AM	0	119	624	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/20/18 6:30 AM	0	119	624	123664
5/20/18 7:00 AM	0	119	624	123664
5/20/18 7:30 AM	0	119	624	123664
5/20/18 8:00 AM	0	119	624	123664
5/20/18 8:30 AM	0	119	624	123664
5/20/18 9:00 AM	0	119	624	123664
5/20/18 9:30 AM	0	119	624	123664
5/20/18 10:00 AM	0	119	624	123664
5/20/18 10:30 AM	0	119	624	123664
5/20/18 11:00 AM	0	119	624	123664
5/20/18 11:30 AM	0	119	624	123664
5/20/18 12:00 PM	0	119	624	123664
5/20/18 12:30 PM	0	119	624	123664
5/20/18 1:00 PM	0	119	624	123664
5/20/18 1:30 PM	0	119	624	123664
5/20/18 2:00 PM	0	119	624	123664
5/20/18 2:30 PM	0	119	623	123664
5/20/18 3:00 PM	0	119	623	123664
5/20/18 3:30 PM	0	119	623	123664
5/20/18 4:00 PM	0	119	623	123664
5/20/18 4:30 PM	0	119	623	123664
5/20/18 5:00 PM	0	119	623	123664
5/20/18 5:30 PM	0	120	623	123664
5/20/18 6:00 PM	0	120	623	123664
5/20/18 6:30 PM	0	120	623	123664
5/20/18 7:00 PM	0	119	623	123664
5/20/18 7:30 PM	0	119	623	123664
5/20/18 8:00 PM	0	119	623	123664
5/20/18 8:30 PM	0	119	623	123664
5/20/18 9:00 PM	0	119	623	123664
5/20/18 9:30 PM	0	119	623	123664
5/20/18 10:00 PM	0	119	623	123664
5/20/18 10:30 PM	0	119	623	123664
5/20/18 11:00 PM	0	119	623	123664
5/20/18 11:30 PM	0	119	623	123664
5/21/18 12:00 AM	0	119	623	123664
5/21/18 12:30 AM	0	119	623	123664
5/21/18 1:00 AM	0	119	623	123664
5/21/18 1:30 AM	0	119	622	123664
5/21/18 2:00 AM	0	119	622	123664
5/21/18 2:30 AM	0	119	622	123664
5/21/18 3:00 AM	0	119	622	123664
5/21/18 3:30 AM	0	119	622	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/21/18 4:00 AM	0	119	622	123664
5/21/18 4:30 AM	0	119	622	123664
5/21/18 5:00 AM	0	119	622	123664
5/21/18 5:30 AM	0	119	622	123664
5/21/18 6:00 AM	0	119	622	123664
5/21/18 6:30 AM	0	119	622	123664
5/21/18 7:00 AM	0	119	622	123664
5/21/18 7:30 AM	0	119	622	123664
5/21/18 8:00 AM	0	119	622	123664
5/21/18 8:30 AM	0	119	622	123664
5/21/18 9:00 AM	0	119	622	123664
5/21/18 9:30 AM	0	119	622	123664
5/21/18 10:00 AM	0	119	622	123664
5/21/18 10:30 AM	0	120	622	123664
5/21/18 11:00 AM	0	120	622	123664
5/21/18 11:30 AM	0	120	621	123664
5/21/18 12:00 PM	0	120	621	123664
5/21/18 12:30 PM	0	120	621	123664
5/21/18 1:00 PM	0	120	622	123664
5/21/18 1:30 PM	0	120	621	123664
5/21/18 2:00 PM	0	120	622	123664
5/21/18 2:30 PM	0	120	621	123664
5/21/18 3:00 PM	0	120	621	123664
5/21/18 3:30 PM	0	120	621	123664
5/21/18 4:00 PM	0	120	622	123664
5/21/18 4:30 PM	0	120	621	123664
5/21/18 5:00 PM	0	120	621	123664
5/21/18 5:30 PM	0	120	621	123664
5/21/18 6:00 PM	0	120	621	123664
5/21/18 6:30 PM	0	120	621	123664
5/21/18 7:00 PM	0	121	621	123664
5/21/18 7:30 PM	0	121	621	123664
5/21/18 8:00 PM	0	121	621	123664
5/21/18 8:30 PM	0	121	621	123664
5/21/18 9:00 PM	0	121	621	123664
5/21/18 9:30 PM	0	121	621	123664
5/21/18 10:00 PM	0	121	621	123664
5/21/18 10:30 PM	0	121	621	123664
5/21/18 11:00 PM	0	121	621	123664
5/21/18 11:30 PM	0	121	621	123664
5/22/18 12:00 AM	0	121	620	123664
5/22/18 12:30 AM	0	120	620	123664
5/22/18 1:00 AM	0	120	620	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/22/18 1:30 AM	0	120	620	123664
5/22/18 2:00 AM	0	120	620	123664
5/22/18 2:30 AM	0	120	620	123664
5/22/18 3:00 AM	0	120	620	123664
5/22/18 3:30 AM	0	120	620	123664
5/22/18 4:00 AM	0	120	620	123664
5/22/18 4:30 AM	0	120	620	123664
5/22/18 5:00 AM	0	120	620	123664
5/22/18 5:30 AM	0	120	620	123664
5/22/18 6:00 AM	0	120	620	123664
5/22/18 6:30 AM	0	120	620	123664
5/22/18 7:00 AM	0	120	620	123664
5/22/18 7:30 AM	0	120	620	123664
5/22/18 8:00 AM	0	121	620	123664
5/22/18 8:30 AM	0	121	620	123664
5/22/18 9:00 AM	0	121	620	123664
5/22/18 9:30 AM	0	121	620	123664
5/22/18 10:00 AM	0	121	619	123664
5/22/18 10:30 AM	0	121	620	123664
5/22/18 11:00 AM	0	121	620	123664
5/22/18 11:30 AM	0	121	620	123664
5/22/18 12:00 PM	0	121	619	123664
5/22/18 12:30 PM	0	121	619	123664
5/22/18 1:00 PM	0	121	619	123664
5/22/18 1:30 PM	0	121	619	123664
5/22/18 2:00 PM	0	121	619	123664
5/22/18 2:30 PM	0	121	619	123664
5/22/18 3:00 PM	0	121	619	123664
5/22/18 3:30 PM	0	122	619	123664
5/22/18 4:00 PM	0	122	619	123664
5/22/18 4:30 PM	0	122	619	123664
5/22/18 5:00 PM	0	122	619	123664
5/22/18 5:30 PM	0	122	619	123664
5/22/18 6:00 PM	0	122	619	123664
5/22/18 6:30 PM	0	122	618	123664
5/22/18 7:00 PM	0	122	618	123664
5/22/18 7:30 PM	0	122	618	123664
5/22/18 8:00 PM	0	122	618	123664
5/22/18 8:30 PM	0	122	618	123664
5/22/18 9:00 PM	0	122	618	123664
5/22/18 9:30 PM	0	122	618	123664
5/22/18 10:00 PM	0	122	619	123664
5/22/18 10:30 PM	0	122	618	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/22/18 11:00 PM	0	122	618	123664
5/22/18 11:30 PM	0	122	618	123664
5/23/18 12:00 AM	0	122	618	123664
5/23/18 12:30 AM	0	122	618	123664
5/23/18 1:00 AM	0	122	618	123664
5/23/18 1:30 AM	0	122	618	123664
5/23/18 2:00 AM	0	122	618	123664
5/23/18 2:30 AM	0	122	618	123664
5/23/18 3:00 AM	0	122	618	123664
5/23/18 3:30 AM	0	122	618	123664
5/23/18 4:00 AM	0	122	618	123664
5/23/18 4:30 AM	0	122	618	123664
5/23/18 5:00 AM	0	122	618	123664
5/23/18 5:30 AM	0	122	618	123664
5/23/18 6:00 AM	0	122	618	123664
5/23/18 6:30 AM	0	122	618	123664
5/23/18 7:00 AM	0	122	618	123664
5/23/18 7:30 AM	0	122	618	123664
5/23/18 8:00 AM	0	122	618	123664
5/23/18 8:30 AM	0	122	618	123664
5/23/18 9:00 AM	0	122	618	123664
5/23/18 9:30 AM	0	122	618	123664
5/23/18 10:00 AM	0	122	618	123664
5/23/18 10:30 AM	0	122	617	123664
5/23/18 11:00 AM	0	122	617	123664
5/23/18 11:30 AM	0	122	617	123664
5/23/18 12:00 PM	0	122	617	123664
5/23/18 12:30 PM	0	122	617	123664
5/23/18 1:00 PM	0	122	617	123664
5/23/18 1:30 PM	0	123	617	123664
5/23/18 2:00 PM	0	123	617	123664
5/23/18 2:30 PM	0	123	617	123664
5/23/18 3:00 PM	0	123	617	123664
5/23/18 3:30 PM	0	123	617	123664
5/23/18 4:00 PM	0	123	617	123664
5/23/18 4:30 PM	0	123	617	123664
5/23/18 5:00 PM	0	123	616	123664
5/23/18 5:30 PM	0	123	617	123664
5/23/18 6:00 PM	0	123	617	123664
5/23/18 6:30 PM	0	123	617	123664
5/23/18 7:00 PM	0	123	617	123664
5/23/18 7:30 PM	0	123	616	123664
5/23/18 8:00 PM	0	123	616	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbis)</u>
5/23/18 8:30 PM	0	123	616	123664
5/23/18 9:00 PM	0	123	616	123664
5/23/18 9:30 PM	0	123	616	123664
5/23/18 10:00 PM	0	123	616	123664
5/23/18 10:30 PM	0	123	616	123664
5/23/18 11:00 PM	0	123	616	123664
5/23/18 11:30 PM	0	123	616	123664
5/24/18 12:00 AM	0	123	616	123664
5/24/18 12:30 AM	0	123	616	123664
5/24/18 1:00 AM	0	123	616	123664
5/24/18 1:30 AM	0	123	616	123664
5/24/18 2:00 AM	0	123	616	123664
5/24/18 2:30 AM	0	123	616	123664
5/24/18 3:00 AM	0	123	616	123664
5/24/18 3:30 AM	0	123	616	123664
5/24/18 4:00 AM	0	123	616	123664
5/24/18 4:30 AM	0	123	616	123664
5/24/18 5:00 AM	0	122	616	123664
5/24/18 5:30 AM	0	122	616	123664
5/24/18 6:00 AM	0	122	616	123664
5/24/18 6:30 AM	0	122	616	123664
5/24/18 7:00 AM	0	122	616	123664
5/24/18 7:30 AM	0	122	616	123664
5/24/18 8:00 AM	0	122	616	123664
5/24/18 8:30 AM	0	123	616	123664
5/24/18 9:00 AM	0	123	616	123664
5/24/18 9:30 AM	0	123	616	123664
5/24/18 10:00 AM	0	123	616	123664
5/24/18 10:30 AM	0	123	615	123664
5/24/18 11:00 AM	0	123	615	123664
5/24/18 11:30 AM	0	123	615	123664
5/24/18 12:00 PM	0	123	615	123664
5/24/18 12:30 PM	0	124	615	123664
5/24/18 1:00 PM	0	124	615	123664
5/24/18 1:30 PM	0	124	615	123664
5/24/18 2:00 PM	0	124	615	123664
5/24/18 2:30 PM	0	124	615	123664
5/24/18 3:00 PM	0	124	615	123664
5/24/18 3:30 PM	0	124	615	123664
5/24/18 4:00 PM	0	124	615	123664
5/24/18 4:30 PM	0	124	615	123664
5/24/18 5:00 PM	0	124	615	123664
5/24/18 5:30 PM	0	125	615	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/24/18 6:00 PM	0	125	615	123664
5/24/18 6:30 PM	0	125	615	123664
5/24/18 7:00 PM	0	125	614	123664
5/24/18 7:30 PM	0	125	614	123664
5/24/18 8:00 PM	0	125	614	123664
5/24/18 8:30 PM	0	125	614	123664
5/24/18 9:00 PM	0	125	614	123664
5/24/18 9:30 PM	0	125	614	123664
5/24/18 10:00 PM	0	125	614	123664
5/24/18 10:30 PM	0	125	614	123664
5/24/18 11:00 PM	0	125	614	123664
5/24/18 11:30 PM	0	125	614	123664
5/25/18 12:00 AM	0	125	614	123664
5/25/18 12:30 AM	0	125	614	123664
5/25/18 1:00 AM	0	125	614	123664
5/25/18 1:30 AM	0	125	614	123664
5/25/18 2:00 AM	0	124	614	123664
5/25/18 2:30 AM	0	124	614	123664
5/25/18 3:00 AM	0	124	614	123664
5/25/18 3:30 AM	0	124	614	123664
5/25/18 4:00 AM	0	124	614	123664
5/25/18 4:30 AM	0	124	614	123664
5/25/18 5:00 AM	0	124	614	123664
5/25/18 5:30 AM	0	124	614	123664
5/25/18 6:00 AM	0	124	614	123664
5/25/18 6:30 AM	0	124	614	123664
5/25/18 7:00 AM	0	124	614	123664
5/25/18 7:30 AM	0	124	614	123664
5/25/18 8:00 AM	0	124	614	123664
5/25/18 8:30 AM	0	124	614	123664
5/25/18 9:00 AM	0	124	614	123664
5/25/18 9:30 AM	0	124	614	123664
5/25/18 10:00 AM	0	124	614	123664
5/25/18 10:30 AM	0	125	614	123664
5/25/18 11:00 AM	0	125	613	123664
5/25/18 11:30 AM	0	125	613	123664
5/25/18 12:00 PM	0	125	613	123664
5/25/18 12:30 PM	0	125	613	123664
5/25/18 1:00 PM	0	125	613	123664
5/25/18 1:30 PM	0	125	613	123664
5/25/18 2:00 PM	0	125	613	123664
5/25/18 2:30 PM	0	125	613	123664
5/25/18 3:00 PM	0	126	613	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/25/18 3:30 PM	0	126	613	123664
5/25/18 4:00 PM	0	126	613	123664
5/25/18 4:30 PM	0	126	613	123664
5/25/18 5:00 PM	0	126	613	123664
5/25/18 5:30 PM	0	126	613	123664
5/25/18 6:00 PM	0	126	613	123664
5/25/18 6:30 PM	0	126	613	123664
5/25/18 7:00 PM	0	126	613	123664
5/25/18 7:30 PM	0	126	613	123664
5/25/18 8:00 PM	0	126	612	123664
5/25/18 8:30 PM	0	126	612	123664
5/25/18 9:00 PM	0	126	612	123664
5/25/18 9:30 PM	0	126	612	123664
5/25/18 10:00 PM	0	126	613	123664
5/25/18 10:30 PM	0	126	613	123664
5/25/18 11:00 PM	0	126	612	123664
5/25/18 11:30 PM	0	126	612	123664
5/26/18 12:00 AM	0	126	612	123664
5/26/18 12:30 AM	0	126	612	123664
5/26/18 1:00 AM	0	126	612	123664
5/26/18 1:30 AM	0	126	612	123664
5/26/18 2:00 AM	0	126	612	123664
5/26/18 2:30 AM	0	126	612	123664
5/26/18 3:00 AM	0	126	612	123664
5/26/18 3:30 AM	0	126	612	123664
5/26/18 4:00 AM	0	126	612	123664
5/26/18 4:30 AM	0	126	612	123664
5/26/18 5:00 AM	0	126	612	123664
5/26/18 5:30 AM	0	126	612	123664
5/26/18 6:00 AM	0	126	612	123664
5/26/18 6:30 AM	0	125	612	123664
5/26/18 7:00 AM	0	125	612	123664
5/26/18 7:30 AM	0	125	612	123664
5/26/18 8:00 AM	0	125	612	123664
5/26/18 8:30 AM	0	126	612	123664
5/26/18 9:00 AM	0	126	612	123664
5/26/18 9:30 AM	0	126	612	123664
5/26/18 10:00 AM	0	126	612	123664
5/26/18 10:30 AM	0	126	612	123664
5/26/18 11:00 AM	0	126	612	123664
5/26/18 11:30 AM	0	126	612	123664
5/26/18 12:00 PM	0	126	611	123664
5/26/18 12:30 PM	0	126	611	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing Pressure</u>	<u>Injection Pressure</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/26/18 1:00 PM	0	126	611	123664
5/26/18 1:30 PM	0	126	611	123664
5/26/18 2:00 PM	0	127	611	123664
5/26/18 2:30 PM	0	127	611	123664
5/26/18 3:00 PM	0	127	611	123664
5/26/18 3:30 PM	0	127	611	123664
5/26/18 4:00 PM	0	127	611	123664
5/26/18 4:30 PM	0	127	611	123664
5/26/18 5:00 PM	0	127	611	123664
5/26/18 5:30 PM	0	127	611	123664
5/26/18 6:00 PM	0	127	611	123664
5/26/18 6:30 PM	0	127	611	123664
5/26/18 7:00 PM	0	127	611	123664
5/26/18 7:30 PM	0	127	611	123664
5/26/18 8:00 PM	0	127	611	123664
5/26/18 8:30 PM	0	127	611	123664
5/26/18 9:00 PM	0	127	611	123664
5/26/18 9:30 PM	0	127	611	123664
5/26/18 10:00 PM	0	127	611	123664
5/26/18 10:30 PM	0	127	611	123664
5/26/18 11:00 PM	0	127	611	123664
5/26/18 11:30 PM	0	127	611	123664
5/27/18 12:00 AM	0	127	611	123664
5/27/18 12:30 AM	0	127	611	123664
5/27/18 1:00 AM	0	127	611	123664
5/27/18 1:30 AM	0	127	610	123664
5/27/18 2:00 AM	0	127	610	123664
5/27/18 2:30 AM	0	127	610	123664
5/27/18 3:00 AM	0	127	610	123664
5/27/18 3:30 AM	0	127	610	123664
5/27/18 4:00 AM	0	127	610	123664
5/27/18 4:30 AM	0	127	610	123664
5/27/18 5:00 AM	0	127	610	123664
5/27/18 5:30 AM	0	127	610	123664
5/27/18 6:00 AM	0	127	610	123664
5/27/18 6:30 AM	0	127	610	123664
5/27/18 7:00 AM	0	127	610	123664
5/27/18 7:30 AM	0	127	610	123664
5/27/18 8:00 AM	0	127	610	123664
5/27/18 8:30 AM	0	127	610	123664
5/27/18 9:00 AM	0	127	610	123664
5/27/18 9:30 AM	0	127	610	123664
5/27/18 10:00 AM	0	127	610	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/27/18 10:30 AM	0	127	610	123664
5/27/18 11:00 AM	0	127	610	123664
5/27/18 11:30 AM	0	127	610	123664
5/27/18 12:00 PM	0	127	610	123664
5/27/18 12:30 PM	0	127	609	123664
5/27/18 1:00 PM	0	127	609	123664
5/27/18 1:30 PM	0	127	609	123664
5/27/18 2:00 PM	0	127	610	123664
5/27/18 2:30 PM	0	127	609	123664
5/27/18 3:00 PM	0	127	609	123664
5/27/18 3:30 PM	0	127	609	123664
5/27/18 4:00 PM	0	127	609	123664
5/27/18 4:30 PM	0	128	609	123664
5/27/18 5:00 PM	0	128	609	123664
5/27/18 5:30 PM	0	128	609	123664
5/27/18 6:00 PM	0	128	609	123664
5/27/18 6:30 PM	0	128	609	123664
5/27/18 7:00 PM	0	128	609	123664
5/27/18 7:30 PM	0	128	609	123664
5/27/18 8:00 PM	0	128	609	123664
5/27/18 8:30 PM	0	128	609	123664
5/27/18 9:00 PM	0	128	609	123664
5/27/18 9:30 PM	0	128	609	123664
5/27/18 10:00 PM	0	128	609	123664
5/27/18 10:30 PM	0	128	609	123664
5/27/18 11:00 PM	0	127	609	123664
5/27/18 11:30 PM	0	127	609	123664
5/28/18 12:00 AM	0	127	609	123664
5/28/18 12:30 AM	0	127	609	123664
5/28/18 1:00 AM	0	127	609	123664
5/28/18 1:30 AM	0	127	609	123664
5/28/18 2:00 AM	0	127	608	123664
5/28/18 2:30 AM	0	127	608	123664
5/28/18 3:00 AM	0	127	608	123664
5/28/18 3:30 AM	0	127	608	123664
5/28/18 4:00 AM	0	127	608	123664
5/28/18 4:30 AM	0	127	608	123664
5/28/18 5:00 AM	0	127	608	123664
5/28/18 5:30 AM	0	127	608	123664
5/28/18 6:00 AM	0	126	608	123664
5/28/18 6:30 AM	0	126	608	123664
5/28/18 7:00 AM	0	127	608	123664
5/28/18 7:30 AM	0	127	608	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/28/18 8:00 AM	0	127	608	123664
5/28/18 8:30 AM	0	127	608	123664
5/28/18 9:00 AM	0	127	608	123664
5/28/18 9:30 AM	0	127	608	123664
5/28/18 10:00 AM	0	127	608	123664
5/28/18 10:30 AM	0	127	608	123664
5/28/18 11:00 AM	0	127	608	123664
5/28/18 11:30 AM	0	127	608	123664
5/28/18 12:00 PM	0	127	608	123664
5/28/18 12:30 PM	0	127	607	123664
5/28/18 1:00 PM	0	127	607	123664
5/28/18 1:30 PM	0	128	608	123664
5/28/18 2:00 PM	0	128	608	123664
5/28/18 2:30 PM	0	128	608	123664
5/28/18 3:00 PM	0	128	607	123664
5/28/18 3:30 PM	0	128	607	123664
5/28/18 4:00 PM	0	128	608	123664
5/28/18 4:30 PM	0	128	607	123664
5/28/18 5:00 PM	0	128	607	123664
5/28/18 5:30 PM	0	128	607	123664
5/28/18 6:00 PM	0	128	607	123664
5/28/18 6:30 PM	0	128	607	123664
5/28/18 7:00 PM	0	128	607	123664
5/28/18 7:30 PM	0	128	607	123664
5/28/18 8:00 PM	0	128	607	123664
5/28/18 8:30 PM	0	128	607	123664
5/28/18 9:00 PM	0	128	607	123664
5/28/18 9:30 PM	0	128	607	123664
5/28/18 10:00 PM	0	128	607	123664
5/28/18 10:30 PM	0	128	607	123664
5/28/18 11:00 PM	0	128	607	123664
5/28/18 11:30 PM	0	128	607	123664
5/29/18 12:00 AM	0	128	607	123664
5/29/18 12:30 AM	0	128	607	123664
5/29/18 1:00 AM	0	128	607	123664
5/29/18 1:30 AM	0	128	607	123664
5/29/18 2:00 AM	0	128	607	123664
5/29/18 2:30 AM	0	128	607	123664
5/29/18 3:00 AM	0	128	607	123664
5/29/18 3:30 AM	0	128	607	123664
5/29/18 4:00 AM	0	128	607	123664
5/29/18 4:30 AM	0	128	607	123664
5/29/18 5:00 AM	0	128	606	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
5/29/18 5:30 AM	0	128	606	123664
5/29/18 6:00 AM	0	128	606	123664
5/29/18 6:30 AM	0	128	607	123664
5/29/18 7:00 AM	0	128	607	123664
5/29/18 7:30 AM	0	128	607	123664
5/29/18 8:00 AM	0	128	607	123664
5/29/18 8:30 AM	0	128	607	123664
5/29/18 9:00 AM	0	128	606	123664
5/29/18 9:30 AM	0	128	606	123664
5/29/18 10:00 AM	0	128	606	123664
5/29/18 10:30 AM	0	128	606	123664
5/29/18 11:00 AM	0	128	606	123664
5/29/18 11:30 AM	0	128	606	123664
5/29/18 12:00 PM	0	129	606	123664
5/29/18 12:30 PM	0	129	606	123664
5/29/18 1:00 PM	0	129	606	123664
5/29/18 1:30 PM	0	129	606	123664
5/29/18 2:00 PM	0	129	606	123664
5/29/18 2:30 PM	0	129	606	123664
5/29/18 3:00 PM	0	129	606	123664
5/29/18 3:30 PM	0	129	606	123664
5/29/18 4:00 PM	0	129	606	123664
5/29/18 4:30 PM	0	129	606	123664
5/29/18 5:00 PM	0	129	606	123664
5/29/18 5:30 PM	0	130	606	123664
5/29/18 6:00 PM	0	130	605	123664
5/29/18 6:30 PM	0	130	605	123664
5/29/18 7:00 PM	0	130	605	123664
5/29/18 7:30 PM	0	130	605	123664
5/29/18 8:00 PM	0	130	605	123664
5/29/18 8:30 PM	0	130	605	123664
5/29/18 9:00 PM	0	130	605	123664
5/29/18 9:30 PM	0	130	605	123664
5/29/18 10:00 PM	0	130	605	123664
5/29/18 10:30 PM	0	130	605	123664
5/29/18 11:00 PM	0	130	605	123664
5/29/18 11:30 PM	0	130	605	123664
5/30/18 12:00 AM	0	130	605	123664
5/30/18 12:30 AM	0	129	605	123664
5/30/18 1:00 AM	0	129	605	123664
5/30/18 1:30 AM	0	129	605	123664
5/30/18 2:00 AM	0	129	605	123664
5/30/18 2:30 AM	0	129	605	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/30/18 3:00 AM	0	129	605	123664
5/30/18 3:30 AM	0	129	605	123664
5/30/18 4:00 AM	0	129	605	123664
5/30/18 4:30 AM	0	129	605	123664
5/30/18 5:00 AM	0	129	605	123664
5/30/18 5:30 AM	0	129	605	123664
5/30/18 6:00 AM	0	129	605	123664
5/30/18 6:30 AM	0	129	605	123664
5/30/18 7:00 AM	0	129	605	123664
5/30/18 7:30 AM	0	129	605	123664
5/30/18 8:00 AM	0	129	605	123664
5/30/18 8:30 AM	0	129	605	123664
5/30/18 9:00 AM	0	129	605	123664
5/30/18 9:30 AM	0	129	605	123664
5/30/18 10:00 AM	0	129	605	123664
5/30/18 10:30 AM	0	129	605	123664
5/30/18 11:00 AM	0	129	604	123664
5/30/18 11:30 AM	0	130	604	123664
5/30/18 12:00 PM	0	130	604	123664
5/30/18 12:30 PM	0	130	604	123664
5/30/18 1:00 PM	0	130	604	123664
5/30/18 1:30 PM	0	130	604	123664
5/30/18 2:00 PM	0	130	604	123664
5/30/18 2:30 PM	0	130	604	123664
5/30/18 3:00 PM	0	130	604	123664
5/30/18 3:30 PM	0	130	604	123664
5/30/18 4:00 PM	0	130	604	123664
5/30/18 4:30 PM	0	130	604	123664
5/30/18 5:00 PM	0	130	604	123664
5/30/18 5:30 PM	0	130	604	123664
5/30/18 6:00 PM	0	131	604	123664
5/30/18 6:30 PM	0	131	604	123664
5/30/18 7:00 PM	0	131	604	123664
5/30/18 7:30 PM	0	131	604	123664
5/30/18 8:00 PM	0	131	604	123664
5/30/18 8:30 PM	0	131	603	123664
5/30/18 9:00 PM	0	131	603	123664
5/30/18 9:30 PM	0	131	604	123664
5/30/18 10:00 PM	0	131	604	123664
5/30/18 10:30 PM	0	131	604	123664
5/30/18 11:00 PM	0	131	604	123664
5/30/18 11:30 PM	0	131	603	123664
5/31/18 12:00 AM	0	130	603	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/31/18 12:30 AM	0	130	603	123664
5/31/18 1:00 AM	0	130	603	123664
5/31/18 1:30 AM	0	130	603	123664
5/31/18 2:00 AM	0	130	603	123664
5/31/18 2:30 AM	0	130	603	123664
5/31/18 3:00 AM	0	130	603	123664
5/31/18 3:30 AM	0	130	603	123664
5/31/18 4:00 AM	0	130	603	123664
5/31/18 4:30 AM	0	130	603	123664
5/31/18 5:00 AM	0	130	603	123664
5/31/18 5:30 AM	0	130	603	123664
5/31/18 6:00 AM	0	130	603	123664
5/31/18 6:30 AM	0	130	603	123664
5/31/18 7:00 AM	0	130	603	123664
5/31/18 7:30 AM	0	130	603	123664
5/31/18 8:00 AM	0	130	603	123664
5/31/18 8:30 AM	0	130	603	123664
5/31/18 9:00 AM	0	130	603	123664
5/31/18 9:30 AM	0	130	603	123664
5/31/18 10:00 AM	0	130	603	123664
5/31/18 10:30 AM	0	130	603	123664
5/31/18 11:00 AM	0	130	603	123664
5/31/18 11:30 AM	0	130	603	123664
5/31/18 12:00 PM	0	131	603	123664
5/31/18 12:30 PM	0	131	603	123664
5/31/18 1:00 PM	0	131	603	123664
5/31/18 1:30 PM	0	131	603	123664
5/31/18 2:00 PM	0	131	603	123664
5/31/18 2:30 PM	0	131	603	123664
5/31/18 3:00 PM	0	131	602	123664
5/31/18 3:30 PM	0	131	602	123664
5/31/18 4:00 PM	0	131	602	123664
5/31/18 4:30 PM	0	131	602	123664
5/31/18 5:00 PM	0	132	602	123664
5/31/18 5:30 PM	0	132	602	123664
5/31/18 6:00 PM	0	132	602	123664
5/31/18 6:30 PM	0	132	602	123664
5/31/18 7:00 PM	0	132	602	123664
5/31/18 7:30 PM	0	132	602	123664
5/31/18 8:00 PM	0	132	602	123664
5/31/18 8:30 PM	0	132	602	123664
5/31/18 9:00 PM	0	132	602	123664
5/31/18 9:30 PM	0	132	602	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
5/31/18 10:00 PM	0	132	602	123664
5/31/18 10:30 PM	0	132	602	123664
5/31/18 11:00 PM	0	132	602	123664
5/31/18 11:30 PM	0	132	602	123664
6/1/18 12:00 AM	0	132	602	123664
6/1/18 12:30 AM	0	132	602	123664
6/1/18 1:00 AM	0	132	602	123664
6/1/18 1:30 AM	0	132	602	123664
6/1/18 2:00 AM	0	132	602	123664
6/1/18 2:30 AM	0	131	602	123664
6/1/18 3:00 AM	0	131	602	123664
6/1/18 3:30 AM	0	131	602	123664
6/1/18 4:00 AM	0	131	602	123664
6/1/18 4:30 AM	0	131	602	123664
6/1/18 5:00 AM	0	131	602	123664
6/1/18 5:30 AM	0	131	601	123664
6/1/18 6:00 AM	0	131	601	123664
6/1/18 6:30 AM	0	131	602	123664
6/1/18 7:00 AM	0	131	602	123664
6/1/18 7:30 AM	0	131	602	123664
6/1/18 8:00 AM	0	131	602	123664
6/1/18 8:30 AM	0	131	602	123664
6/1/18 9:00 AM	0	131	601	123664
6/1/18 9:30 AM	0	131	601	123664
6/1/18 10:00 AM	0	131	601	123664
6/1/18 10:30 AM	0	132	601	123664
6/1/18 11:00 AM	0	132	601	123664
6/1/18 11:30 AM	0	132	601	123664
6/1/18 12:00 PM	0	132	601	123664
6/1/18 12:30 PM	0	132	601	123664
6/1/18 1:00 PM	0	132	601	123664
6/1/18 1:30 PM	0	132	601	123664
6/1/18 2:00 PM	0	132	601	123664
6/1/18 2:30 PM	0	132	601	123664
6/1/18 3:00 PM	0	133	601	123664
6/1/18 3:30 PM	0	133	601	123664
6/1/18 4:00 PM	0	133	600	123664
6/1/18 4:30 PM	0	133	600	123664
6/1/18 5:00 PM	0	133	601	123664
6/1/18 5:30 PM	0	133	601	123664
6/1/18 6:00 PM	0	133	601	123664
6/1/18 6:30 PM	0	133	601	123664
6/1/18 7:00 PM	0	133	600	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/1/18 7:30 PM	0	133	601	123664
6/1/18 8:00 PM	0	133	600	123664
6/1/18 8:30 PM	0	133	600	123664
6/1/18 9:00 PM	0	133	600	123664
6/1/18 9:30 PM	0	133	600	123664
6/1/18 10:00 PM	0	133	600	123664
6/1/18 10:30 PM	0	133	600	123664
6/1/18 11:00 PM	0	133	600	123664
6/1/18 11:30 PM	0	133	600	123664
6/2/18 12:00 AM	0	133	600	123664
6/2/18 12:30 AM	0	133	600	123664
6/2/18 1:00 AM	0	133	600	123664
6/2/18 1:30 AM	0	133	600	123664
6/2/18 2:00 AM	0	133	600	123664
6/2/18 2:30 AM	0	133	600	123664
6/2/18 3:00 AM	0	133	600	123664
6/2/18 3:30 AM	0	133	600	123664
6/2/18 4:00 AM	0	133	600	123664
6/2/18 4:30 AM	0	133	600	123664
6/2/18 5:00 AM	0	133	600	123664
6/2/18 5:30 AM	0	133	600	123664
6/2/18 6:00 AM	0	132	600	123664
6/2/18 6:30 AM	0	132	600	123664
6/2/18 7:00 AM	0	132	600	123664
6/2/18 7:30 AM	0	132	600	123664
6/2/18 8:00 AM	0	132	600	123664
6/2/18 8:30 AM	0	132	600	123664
6/2/18 9:00 AM	0	132	600	123664
6/2/18 9:30 AM	0	133	600	123664
6/2/18 10:00 AM	0	133	600	123664
6/2/18 10:30 AM	0	133	600	123664
6/2/18 11:00 AM	0	133	600	123664
6/2/18 11:30 AM	0	133	599	123664
6/2/18 12:00 PM	0	133	599	123664
6/2/18 12:30 PM	0	133	599	123664
6/2/18 1:00 PM	0	133	599	123664
6/2/18 1:30 PM	0	133	599	123664
6/2/18 2:00 PM	0	133	599	123664
6/2/18 2:30 PM	0	133	599	123664
6/2/18 3:00 PM	0	134	599	123664
6/2/18 3:30 PM	0	134	599	123664
6/2/18 4:00 PM	0	134	599	123664
6/2/18 4:30 PM	0	134	599	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/2/18 5:00 PM	0	134	599	123664
6/2/18 5:30 PM	0	134	599	123664
6/2/18 6:00 PM	0	134	599	123664
6/2/18 6:30 PM	0	134	599	123664
6/2/18 7:00 PM	0	134	599	123664
6/2/18 7:30 PM	0	134	599	123664
6/2/18 8:00 PM	0	134	599	123664
6/2/18 8:30 PM	0	134	599	123664
6/2/18 9:00 PM	0	134	599	123664
6/2/18 9:30 PM	0	134	599	123664
6/2/18 10:00 PM	0	134	599	123664
6/2/18 10:30 PM	0	134	599	123664
6/2/18 11:00 PM	0	134	599	123664
6/2/18 11:30 PM	0	134	599	123664
6/3/18 12:00 AM	0	134	599	123664
6/3/18 12:30 AM	0	134	599	123664
6/3/18 1:00 AM	0	134	599	123664
6/3/18 1:30 AM	0	134	598	123664
6/3/18 2:00 AM	0	134	598	123664
6/3/18 2:30 AM	0	134	598	123664
6/3/18 3:00 AM	0	134	598	123664
6/3/18 3:30 AM	0	133	598	123664
6/3/18 4:00 AM	0	133	598	123664
6/3/18 4:30 AM	0	133	598	123664
6/3/18 5:00 AM	0	133	598	123664
6/3/18 5:30 AM	0	133	598	123664
6/3/18 6:00 AM	0	133	598	123664
6/3/18 6:30 AM	0	133	598	123664
6/3/18 7:00 AM	0	133	598	123664
6/3/18 7:30 AM	0	133	599	123664
6/3/18 8:00 AM	0	133	598	123664
6/3/18 8:30 AM	0	133	598	123664
6/3/18 9:00 AM	0	133	598	123664
6/3/18 9:30 AM	0	133	598	123664
6/3/18 10:00 AM	0	133	598	123664
6/3/18 10:30 AM	0	133	598	123664
6/3/18 11:00 AM	0	134	598	123664
6/3/18 11:30 AM	0	134	598	123664
6/3/18 12:00 PM	0	134	598	123664
6/3/18 12:30 PM	0	134	598	123664
6/3/18 1:00 PM	0	134	598	123664
6/3/18 1:30 PM	0	134	598	123664
6/3/18 2:00 PM	0	134	597	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/3/18 2:30 PM	0	134	598	123664
6/3/18 3:00 PM	0	134	598	123664
6/3/18 3:30 PM	0	134	598	123664
6/3/18 4:00 PM	0	135	598	123664
6/3/18 4:30 PM	0	135	598	123664
6/3/18 5:00 PM	0	135	597	123664
6/3/18 5:30 PM	0	135	598	123664
6/3/18 6:00 PM	0	135	597	123664
6/3/18 6:30 PM	0	135	597	123664
6/3/18 7:00 PM	0	135	597	123664
6/3/18 7:30 PM	0	135	597	123664
6/3/18 8:00 PM	0	135	597	123664
6/3/18 8:30 PM	0	135	597	123664
6/3/18 9:00 PM	0	135	597	123664
6/3/18 9:30 PM	0	135	597	123664
6/3/18 10:00 PM	0	135	597	123664
6/3/18 10:30 PM	0	135	597	123664
6/3/18 11:00 PM	0	135	597	123664
6/3/18 11:30 PM	0	135	597	123664
6/4/18 12:00 AM	0	135	597	123664
6/4/18 12:30 AM	0	135	597	123664
6/4/18 1:00 AM	0	135	597	123664
6/4/18 1:30 AM	0	135	597	123664
6/4/18 2:00 AM	0	135	597	123664
6/4/18 2:30 AM	0	134	597	123664
6/4/18 3:00 AM	0	134	597	123664
6/4/18 3:30 AM	0	134	597	123664
6/4/18 4:00 AM	0	134	597	123664
6/4/18 4:30 AM	0	134	597	123664
6/4/18 5:00 AM	0	134	597	123664
6/4/18 5:30 AM	0	134	597	123664
6/4/18 6:00 AM	0	134	597	123664
6/4/18 6:30 AM	0	134	597	123664
6/4/18 7:00 AM	0	134	597	123664
6/4/18 7:30 AM	0	134	597	123664
6/4/18 8:00 AM	0	134	597	123664
6/4/18 8:30 AM	0	134	597	123664
6/4/18 9:00 AM	0	134	597	123664
6/4/18 9:30 AM	0	134	597	123664
6/4/18 10:00 AM	0	134	597	123664
6/4/18 10:30 AM	0	134	597	123664
6/4/18 11:00 AM	0	134	596	123664
6/4/18 11:30 AM	0	134	596	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/4/18 12:00 PM	0	135	596	123664
6/4/18 12:30 PM	0	135	596	123664
6/4/18 1:00 PM	0	135	596	123664
6/4/18 1:30 PM	0	135	596	123664
6/4/18 2:00 PM	0	135	596	123664
6/4/18 2:30 PM	0	135	596	123664
6/4/18 3:00 PM	0	135	596	123664
6/4/18 3:30 PM	0	135	596	123664
6/4/18 4:00 PM	0	135	596	123664
6/4/18 4:30 PM	0	135	596	123664
6/4/18 5:00 PM	0	135	596	123664
6/4/18 5:30 PM	0	135	596	123664
6/4/18 6:00 PM	0	135	596	123664
6/4/18 6:30 PM	0	135	596	123664
6/4/18 7:00 PM	0	135	596	123664
6/4/18 7:30 PM	0	135	596	123664
6/4/18 8:00 PM	0	135	596	123664
6/4/18 8:30 PM	0	135	596	123664
6/4/18 9:00 PM	0	135	596	123664
6/4/18 9:30 PM	0	135	596	123664
6/4/18 10:00 PM	0	135	596	123664
6/4/18 10:30 PM	0	135	596	123664
6/4/18 11:00 PM	0	135	596	123664
6/4/18 11:30 PM	0	135	596	123664
6/5/18 12:00 AM	0	135	596	123664
6/5/18 12:30 AM	0	135	596	123664
6/5/18 1:00 AM	0	135	595	123664
6/5/18 1:30 AM	0	135	595	123664
6/5/18 2:00 AM	0	134	595	123664
6/5/18 2:30 AM	0	134	595	123664
6/5/18 3:00 AM	0	134	595	123664
6/5/18 3:30 AM	0	134	595	123664
6/5/18 4:00 AM	0	134	595	123664
6/5/18 4:30 AM	0	134	595	123664
6/5/18 5:00 AM	0	134	595	123664
6/5/18 5:30 AM	0	134	595	123664
6/5/18 6:00 AM	0	134	595	123664
6/5/18 6:30 AM	0	134	595	123664
6/5/18 7:00 AM	0	134	595	123664
6/5/18 7:30 AM	0	134	595	123664
6/5/18 8:00 AM	0	134	595	123664
6/5/18 8:30 AM	0	134	595	123664
6/5/18 9:00 AM	0	134	595	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/5/18 9:30 AM	0	134	595	123664
6/5/18 10:00 AM	0	134	595	123664
6/5/18 10:30 AM	0	134	595	123664
6/5/18 11:00 AM	0	134	595	123664
6/5/18 11:30 AM	0	135	595	123664
6/5/18 12:00 PM	0	135	595	123664
6/5/18 12:30 PM	0	135	595	123664
6/5/18 1:00 PM	0	135	595	123664
6/5/18 1:30 PM	0	135	595	123664
6/5/18 2:00 PM	0	135	595	123664
6/5/18 2:30 PM	0	135	595	123664
6/5/18 3:00 PM	0	135	595	123664
6/5/18 3:30 PM	0	135	595	123664
6/5/18 4:00 PM	0	135	594	123664
6/5/18 4:30 PM	0	136	594	123664
6/5/18 5:00 PM	0	136	594	123664
6/5/18 5:30 PM	0	136	594	123664
6/5/18 6:00 PM	0	136	595	123664
6/5/18 6:30 PM	0	136	595	123664
6/5/18 7:00 PM	0	136	595	123664
6/5/18 7:30 PM	0	136	594	123664
6/5/18 8:00 PM	0	136	594	123664
6/5/18 8:30 PM	0	136	594	123664
6/5/18 9:00 PM	0	136	594	123664
6/5/18 9:30 PM	0	136	594	123664
6/5/18 10:00 PM	0	136	594	123664
6/5/18 10:30 PM	0	136	594	123664
6/5/18 11:00 PM	0	136	594	123664
6/5/18 11:30 PM	0	136	594	123664
6/6/18 12:00 AM	0	136	594	123664
6/6/18 12:30 AM	0	136	594	123664
6/6/18 1:00 AM	0	136	594	123664
6/6/18 1:30 AM	0	135	594	123664
6/6/18 2:00 AM	0	135	594	123664
6/6/18 2:30 AM	0	135	594	123664
6/6/18 3:00 AM	0	135	594	123664
6/6/18 3:30 AM	0	135	594	123664
6/6/18 4:00 AM	0	135	594	123664
6/6/18 4:30 AM	0	135	594	123664
6/6/18 5:00 AM	0	135	594	123664
6/6/18 5:30 AM	0	135	594	123664
6/6/18 6:00 AM	0	135	594	123664
6/6/18 6:30 AM	0	135	594	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/6/18 7:00 AM	0	135	594	123664
6/6/18 7:30 AM	0	135	594	123664
6/6/18 8:00 AM	0	135	594	123664
6/6/18 8:30 AM	0	135	594	123664
6/6/18 9:00 AM	0	135	594	123664
6/6/18 9:30 AM	0	135	594	123664
6/6/18 10:00 AM	0	135	594	123664
6/6/18 10:30 AM	0	135	594	123664
6/6/18 11:00 AM	0	135	594	123664
6/6/18 11:30 AM	0	136	594	123664
6/6/18 12:00 PM	0	136	593	123664
6/6/18 12:30 PM	0	136	593	123664
6/6/18 1:00 PM	0	136	593	123664
6/6/18 1:30 PM	0	136	593	123664
6/6/18 2:00 PM	0	136	593	123664
6/6/18 2:30 PM	0	136	593	123664
6/6/18 3:00 PM	0	136	593	123664
6/6/18 3:30 PM	0	137	593	123664
6/6/18 4:00 PM	0	137	593	123664
6/6/18 4:30 PM	0	137	593	123664
6/6/18 5:00 PM	0	137	593	123664
6/6/18 5:30 PM	0	137	593	123664
6/6/18 6:00 PM	0	137	593	123664
6/6/18 6:30 PM	0	137	593	123664
6/6/18 7:00 PM	0	137	593	123664
6/6/18 7:30 PM	0	137	593	123664
6/6/18 8:00 PM	0	137	593	123664
6/6/18 8:30 PM	0	137	593	123664
6/6/18 9:00 PM	0	137	593	123664
6/6/18 9:30 PM	0	137	593	123664
6/6/18 10:00 PM	0	137	593	123664
6/6/18 10:30 PM	0	137	593	123664
6/6/18 11:00 PM	0	137	593	123664
6/6/18 11:30 PM	0	137	593	123664
6/7/18 12:00 AM	0	137	593	123664
6/7/18 12:30 AM	0	137	593	123664
6/7/18 1:00 AM	0	137	593	123664
6/7/18 1:30 AM	0	137	593	123664
6/7/18 2:00 AM	0	137	593	123664
6/7/18 2:30 AM	0	137	593	123664
6/7/18 3:00 AM	0	137	593	123664
6/7/18 3:30 AM	0	137	593	123664
6/7/18 4:00 AM	0	137	592	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/7/18 4:30 AM	0	137	592	123664
6/7/18 5:00 AM	0	137	592	123664
6/7/18 5:30 AM	0	137	592	123664
6/7/18 6:00 AM	0	136	592	123664
6/7/18 6:30 AM	0	136	593	123664
6/7/18 7:00 AM	0	136	593	123664
6/7/18 7:30 AM	0	136	592	123664
6/7/18 8:00 AM	0	136	593	123664
6/7/18 8:30 AM	0	136	593	123664
6/7/18 9:00 AM	0	137	593	123664
6/7/18 9:30 AM	0	137	593	123664
6/7/18 10:00 AM	0	137	592	123664
6/7/18 10:30 AM	0	137	592	123664
6/7/18 11:00 AM	0	137	592	123664
6/7/18 11:30 AM	0	137	592	123664
6/7/18 12:00 PM	0	137	592	123664
6/7/18 12:30 PM	0	137	592	123664
6/7/18 1:00 PM	0	137	592	123664
6/7/18 1:30 PM	0	137	592	123664
6/7/18 2:00 PM	0	138	592	123664
6/7/18 2:30 PM	0	138	592	123664
6/7/18 3:00 PM	0	138	592	123664
6/7/18 3:30 PM	0	138	591	123664
6/7/18 4:00 PM	0	138	592	123664
6/7/18 4:30 PM	0	138	592	123664
6/7/18 5:00 PM	0	138	592	123664
6/7/18 5:30 PM	0	138	592	123664
6/7/18 6:00 PM	0	138	592	123664
6/7/18 6:30 PM	0	138	591	123664
6/7/18 7:00 PM	0	138	591	123664
6/7/18 7:30 PM	0	138	591	123664
6/7/18 8:00 PM	0	138	591	123664
6/7/18 8:30 PM	0	138	591	123664
6/7/18 9:00 PM	0	138	591	123664
6/7/18 9:30 PM	0	138	591	123664
6/7/18 10:00 PM	0	138	591	123664
6/7/18 10:30 PM	0	138	591	123664
6/7/18 11:00 PM	0	138	591	123664
6/7/18 11:30 PM	0	138	591	123664
6/8/18 12:00 AM	0	138	591	123664
6/8/18 12:30 AM	0	138	591	123664
6/8/18 1:00 AM	0	138	591	123664
6/8/18 1:30 AM	0	138	591	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/8/18 2:00 AM	0	138	591	123664
6/8/18 2:30 AM	0	138	591	123664
6/8/18 3:00 AM	0	138	591	123664
6/8/18 3:30 AM	0	138	591	123664
6/8/18 4:00 AM	0	138	591	123664
6/8/18 4:30 AM	0	138	591	123664
6/8/18 5:00 AM	0	137	591	123664
6/8/18 5:30 AM	0	138	591	123664
6/8/18 6:00 AM	0	137	591	123664
6/8/18 6:30 AM	0	137	591	123664
6/8/18 7:00 AM	0	137	591	123664
6/8/18 7:30 AM	0	137	591	123664
6/8/18 8:00 AM	0	137	591	123664
6/8/18 8:30 AM	0	137	591	123664
6/8/18 9:00 AM	0	137	591	123664
6/8/18 9:30 AM	0	137	591	123664
6/8/18 10:00 AM	0	138	591	123664
6/8/18 10:30 AM	0	138	591	123664
6/8/18 11:00 AM	0	138	591	123664
6/8/18 11:30 AM	0	138	591	123664
6/8/18 12:00 PM	0	138	591	123664
6/8/18 12:30 PM	0	138	590	123664
6/8/18 1:00 PM	0	138	590	123664
6/8/18 1:30 PM	0	138	590	123664
6/8/18 2:00 PM	0	138	590	123664
6/8/18 2:30 PM	0	138	590	123664
6/8/18 3:00 PM	0	138	590	123664
6/8/18 3:30 PM	0	138	590	123664
6/8/18 4:00 PM	0	139	590	123664
6/8/18 4:30 PM	0	139	590	123664
6/8/18 5:00 PM	0	139	590	123664
6/8/18 5:30 PM	0	139	590	123664
6/8/18 6:00 PM	0	139	590	123664
6/8/18 6:30 PM	0	139	590	123664
6/8/18 7:00 PM	0	139	590	123664
6/8/18 7:30 PM	0	139	590	123664
6/8/18 8:00 PM	0	139	590	123664
6/8/18 8:30 PM	0	139	590	123664
6/8/18 9:00 PM	0	139	590	123664
6/8/18 9:30 PM	0	139	590	123664
6/8/18 10:00 PM	0	139	590	123664
6/8/18 10:30 PM	0	139	590	123664
6/8/18 11:00 PM	0	139	590	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/8/18 11:30 PM	0	139	590	123664
6/9/18 12:00 AM	0	139	590	123664
6/9/18 12:30 AM	0	139	590	123664
6/9/18 1:00 AM	0	139	590	123664
6/9/18 1:30 AM	0	139	590	123664
6/9/18 2:00 AM	0	138	590	123664
6/9/18 2:30 AM	0	138	590	123664
6/9/18 3:00 AM	0	138	590	123664
6/9/18 3:30 AM	0	138	590	123664
6/9/18 4:00 AM	0	138	590	123664
6/9/18 4:30 AM	0	138	590	123664
6/9/18 5:00 AM	0	138	590	123664
6/9/18 5:30 AM	0	138	590	123664
6/9/18 6:00 AM	0	138	590	123664
6/9/18 6:30 AM	0	138	590	123664
6/9/18 7:00 AM	0	138	590	123664
6/9/18 7:30 AM	0	137	590	123664
6/9/18 8:00 AM	0	138	590	123664
6/9/18 8:30 AM	0	138	590	123664
6/9/18 9:00 AM	0	138	590	123664
6/9/18 9:30 AM	0	138	589	123664
6/9/18 10:00 AM	0	138	589	123664
6/9/18 10:30 AM	0	138	589	123664
6/9/18 11:00 AM	0	138	589	123664
6/9/18 11:30 AM	0	138	589	123664
6/9/18 12:00 PM	0	138	589	123664
6/9/18 12:30 PM	0	138	589	123664
6/9/18 1:00 PM	0	138	589	123664
6/9/18 1:30 PM	0	138	589	123664
6/9/18 2:00 PM	0	138	589	123664
6/9/18 2:30 PM	0	139	589	123664
6/9/18 3:00 PM	0	139	589	123664
6/9/18 3:30 PM	0	139	589	123664
6/9/18 4:00 PM	0	139	589	123664
6/9/18 4:30 PM	0	139	589	123664
6/9/18 5:00 PM	0	139	589	123664
6/9/18 5:30 PM	0	139	589	123664
6/9/18 6:00 PM	0	139	589	123664
6/9/18 6:30 PM	0	139	589	123664
6/9/18 7:00 PM	0	139	589	123664
6/9/18 7:30 PM	0	139	589	123664
6/9/18 8:00 PM	0	139	589	123664
6/9/18 8:30 PM	0	139	588	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/9/18 9:00 PM	0	139	588	123664
6/9/18 9:30 PM	0	139	588	123664
6/9/18 10:00 PM	0	139	589	123664
6/9/18 10:30 PM	0	139	589	123664
6/9/18 11:00 PM	0	139	589	123664
6/9/18 11:30 PM	0	139	589	123664
6/10/18 12:00 AM	0	139	589	123664
6/10/18 12:30 AM	0	139	589	123664
6/10/18 1:00 AM	0	139	588	123664
6/10/18 1:30 AM	0	139	588	123664
6/10/18 2:00 AM	0	139	588	123664
6/10/18 2:30 AM	0	139	588	123664
6/10/18 3:00 AM	0	139	588	123664
6/10/18 3:30 AM	0	139	588	123664
6/10/18 4:00 AM	0	138	588	123664
6/10/18 4:30 AM	0	138	588	123664
6/10/18 5:00 AM	0	138	588	123664
6/10/18 5:30 AM	0	138	588	123664
6/10/18 6:00 AM	0	138	588	123664
6/10/18 6:30 AM	0	138	588	123664
6/10/18 7:00 AM	0	138	588	123664
6/10/18 7:30 AM	0	138	589	123664
6/10/18 8:00 AM	0	138	588	123664
6/10/18 8:30 AM	0	138	588	123664
6/10/18 9:00 AM	0	138	588	123664
6/10/18 9:30 AM	0	138	588	123664
6/10/18 10:00 AM	0	138	588	123664
6/10/18 10:30 AM	0	138	588	123664
6/10/18 11:00 AM	0	139	588	123664
6/10/18 11:30 AM	0	139	588	123664
6/10/18 12:00 PM	0	139	588	123664
6/10/18 12:30 PM	0	139	588	123664
6/10/18 1:00 PM	0	139	588	123664
6/10/18 1:30 PM	0	139	588	123664
6/10/18 2:00 PM	0	139	588	123664
6/10/18 2:30 PM	0	139	588	123664
6/10/18 3:00 PM	0	139	588	123664
6/10/18 3:30 PM	0	139	588	123664
6/10/18 4:00 PM	0	139	588	123664
6/10/18 4:30 PM	0	139	588	123664
6/10/18 5:00 PM	0	140	588	123664
6/10/18 5:30 PM	0	140	588	123664
6/10/18 6:00 PM	0	140	587	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/10/18 6:30 PM	0	140	587	123664
6/10/18 7:00 PM	0	140	587	123664
6/10/18 7:30 PM	0	140	587	123664
6/10/18 8:00 PM	0	140	587	123664
6/10/18 8:30 PM	0	140	587	123664
6/10/18 9:00 PM	0	140	587	123664
6/10/18 9:30 PM	0	140	587	123664
6/10/18 10:00 PM	0	140	587	123664
6/10/18 10:30 PM	0	140	587	123664
6/10/18 11:00 PM	0	140	587	123664
6/10/18 11:30 PM	0	140	587	123664
6/11/18 12:00 AM	0	140	587	123664
6/11/18 12:30 AM	0	140	587	123664
6/11/18 1:00 AM	0	140	587	123664
6/11/18 1:30 AM	0	140	587	123664
6/11/18 2:00 AM	0	140	587	123664
6/11/18 2:30 AM	0	140	587	123664
6/11/18 3:00 AM	0	140	587	123664
6/11/18 3:30 AM	0	140	587	123664
6/11/18 4:00 AM	0	139	587	123664
6/11/18 4:30 AM	0	139	587	123664
6/11/18 5:00 AM	0	139	587	123664
6/11/18 5:30 AM	0	139	587	123664
6/11/18 6:00 AM	0	139	587	123664
6/11/18 6:30 AM	0	139	587	123664
6/11/18 7:00 AM	0	139	587	123664
6/11/18 7:30 AM	0	139	587	123664
6/11/18 8:00 AM	0	139	587	123664
6/11/18 8:30 AM	0	139	587	123664
6/11/18 9:00 AM	0	139	587	123664
6/11/18 9:30 AM	0	139	587	123664
6/11/18 10:00 AM	0	139	587	123664
6/11/18 10:30 AM	0	139	587	123664
6/11/18 11:00 AM	0	140	587	123664
6/11/18 11:30 AM	0	140	587	123664
6/11/18 12:00 PM	0	140	587	123664
6/11/18 12:30 PM	0	140	586	123664
6/11/18 1:00 PM	0	140	586	123664
6/11/18 1:30 PM	0	140	586	123664
6/11/18 2:00 PM	0	140	586	123664
6/11/18 2:30 PM	0	140	586	123664
6/11/18 3:00 PM	0	140	586	123664
6/11/18 3:30 PM	0	140	586	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/11/18 4:00 PM	0	140	586	123664
6/11/18 4:30 PM	0	141	586	123664
6/11/18 5:00 PM	0	141	586	123664
6/11/18 5:30 PM	0	141	586	123664
6/11/18 6:00 PM	0	141	586	123664
6/11/18 6:30 PM	0	141	586	123664
6/11/18 7:00 PM	0	141	586	123664
6/11/18 7:30 PM	0	141	586	123664
6/11/18 8:00 PM	0	141	586	123664
6/11/18 8:30 PM	0	141	586	123664
6/11/18 9:00 PM	0	141	586	123664
6/11/18 9:30 PM	0	141	586	123664
6/11/18 10:00 PM	0	141	586	123664
6/11/18 10:30 PM	0	141	586	123664
6/11/18 11:00 PM	0	141	586	123664
6/11/18 11:30 PM	0	141	586	123664
6/12/18 12:00 AM	0	141	586	123664
6/12/18 12:30 AM	0	141	586	123664
6/12/18 1:00 AM	0	141	586	123664
6/12/18 1:30 AM	0	141	586	123664
6/12/18 2:00 AM	0	140	586	123664
6/12/18 2:30 AM	0	140	586	123664
6/12/18 3:00 AM	0	140	586	123664
6/12/18 3:30 AM	0	140	586	123664
6/12/18 4:00 AM	0	140	586	123664
6/12/18 4:30 AM	0	140	586	123664
6/12/18 5:00 AM	0	140	586	123664
6/12/18 5:30 AM	0	140	586	123664
6/12/18 6:00 AM	0	140	586	123664
6/12/18 6:30 AM	0	140	586	123664
6/12/18 7:00 AM	0	140	586	123664
6/12/18 7:30 AM	0	140	586	123664
6/12/18 8:00 AM	0	140	586	123664
6/12/18 8:30 AM	0	140	586	123664
6/12/18 9:00 AM	0	140	586	123664
6/12/18 9:30 AM	0	140	586	123664
6/12/18 10:00 AM	0	140	586	123664
6/12/18 10:30 AM	0	140	586	123664
6/12/18 11:00 AM	0	140	585	123664
6/12/18 11:30 AM	0	140	585	123664
6/12/18 12:00 PM	0	140	585	123664
6/12/18 12:30 PM	0	141	585	123664
6/12/18 1:00 PM	0	141	585	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/12/18 1:30 PM	0	141	585	123664
6/12/18 2:00 PM	0	141	585	123664
6/12/18 2:30 PM	0	141	585	123664
6/12/18 3:00 PM	0	141	585	123664
6/12/18 3:30 PM	0	141	585	123664
6/12/18 4:00 PM	0	141	585	123664
6/12/18 4:30 PM	0	141	585	123664
6/12/18 5:00 PM	0	142	585	123664
6/12/18 5:30 PM	0	142	585	123664
6/12/18 6:00 PM	0	142	585	123664
6/12/18 6:30 PM	0	142	585	123664
6/12/18 7:00 PM	0	142	585	123664
6/12/18 7:30 PM	0	142	585	123664
6/12/18 8:00 PM	0	142	585	123664
6/12/18 8:30 PM	0	142	585	123664
6/12/18 9:00 PM	0	142	585	123664
6/12/18 9:30 PM	0	142	585	123664
6/12/18 10:00 PM	0	142	585	123664
6/12/18 10:30 PM	0	142	585	123664
6/12/18 11:00 PM	0	142	585	123664
6/12/18 11:30 PM	0	142	585	123664
6/13/18 12:00 AM	0	142	585	123664
6/13/18 12:30 AM	0	141	585	123664
6/13/18 1:00 AM	0	141	585	123664
6/13/18 1:30 AM	0	141	585	123664
6/13/18 2:00 AM	0	141	585	123664
6/13/18 2:30 AM	0	141	585	123664
6/13/18 3:00 AM	0	141	585	123664
6/13/18 3:30 AM	0	141	585	123664
6/13/18 4:00 AM	0	141	585	123664
6/13/18 4:30 AM	0	141	584	123664
6/13/18 5:00 AM	0	141	584	123664
6/13/18 5:30 AM	0	141	584	123664
6/13/18 6:00 AM	0	141	584	123664
6/13/18 6:30 AM	0	141	585	123664
6/13/18 7:00 AM	0	141	585	123664
6/13/18 7:30 AM	0	141	585	123664
6/13/18 8:00 AM	0	141	585	123664
6/13/18 8:30 AM	0	141	585	123664
6/13/18 9:00 AM	0	141	584	123664
6/13/18 9:30 AM	0	141	584	123664
6/13/18 10:00 AM	0	141	584	123664
6/13/18 10:30 AM	0	141	584	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/13/18 11:00 AM	0	141	584	123664
6/13/18 11:30 AM	0	141	584	123664
6/13/18 12:00 PM	0	141	584	123664
6/13/18 12:30 PM	0	141	584	123664
6/13/18 1:00 PM	0	142	584	123664
6/13/18 1:30 PM	0	142	584	123664
6/13/18 2:00 PM	0	142	584	123664
6/13/18 2:30 PM	0	142	584	123664
6/13/18 3:00 PM	0	142	584	123664
6/13/18 3:30 PM	0	142	584	123664
6/13/18 4:00 PM	0	142	584	123664
6/13/18 4:30 PM	0	142	584	123664
6/13/18 5:00 PM	0	142	584	123664
6/13/18 5:30 PM	0	142	584	123664
6/13/18 6:00 PM	0	142	584	123664
6/13/18 6:30 PM	0	143	584	123664
6/13/18 7:00 PM	0	143	584	123664
6/13/18 7:30 PM	0	143	584	123664
6/13/18 8:00 PM	0	143	584	123664
6/13/18 8:30 PM	0	143	583	123664
6/13/18 9:00 PM	0	143	583	123664
6/13/18 9:30 PM	0	143	584	123664
6/13/18 10:00 PM	0	143	584	123664
6/13/18 10:30 PM	0	143	584	123664
6/13/18 11:00 PM	0	142	584	123664
6/13/18 11:30 PM	0	142	584	123664
6/14/18 12:00 AM	0	142	583	123664
6/14/18 12:30 AM	0	142	583	123664
6/14/18 1:00 AM	0	142	584	123664
6/14/18 1:30 AM	0	142	583	123664
6/14/18 2:00 AM	0	142	583	123664
6/14/18 2:30 AM	0	142	583	123664
6/14/18 3:00 AM	0	142	583	123664
6/14/18 3:30 AM	0	142	583	123664
6/14/18 4:00 AM	0	142	583	123664
6/14/18 4:30 AM	0	142	583	123664
6/14/18 5:00 AM	0	142	583	123664
6/14/18 5:30 AM	0	142	583	123664
6/14/18 6:00 AM	0	141	583	123664
6/14/18 6:30 AM	0	141	583	123664
6/14/18 7:00 AM	0	141	583	123664
6/14/18 7:30 AM	0	141	583	123664
6/14/18 8:00 AM	0	141	584	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/14/18 8:30 AM	0	141	583	123664
6/14/18 9:00 AM	0	141	583	123664
6/14/18 9:30 AM	0	141	583	123664
6/14/18 10:00 AM	0	142	583	123664
6/14/18 10:30 AM	0	142	583	123664
6/14/18 11:00 AM	0	142	583	123664
6/14/18 11:30 AM	0	142	583	123664
6/14/18 12:00 PM	0	142	583	123664
6/14/18 12:30 PM	0	142	583	123664
6/14/18 1:00 PM	0	142	583	123664
6/14/18 1:30 PM	0	142	583	123664
6/14/18 2:00 PM	0	142	583	123664
6/14/18 2:30 PM	0	143	583	123664
6/14/18 3:00 PM	0	143	583	123664
6/14/18 3:30 PM	0	143	583	123664
6/14/18 4:00 PM	0	143	583	123664
6/14/18 4:30 PM	0	143	583	123664
6/14/18 5:00 PM	0	143	582	123664
6/14/18 5:30 PM	0	143	583	123664
6/14/18 6:00 PM	0	143	582	123664
6/14/18 6:30 PM	0	143	582	123664
6/14/18 7:00 PM	0	143	582	123664
6/14/18 7:30 PM	0	143	582	123664
6/14/18 8:00 PM	0	143	582	123664
6/14/18 8:30 PM	0	143	582	123664
6/14/18 9:00 PM	0	143	582	123664
6/14/18 9:30 PM	0	143	582	123664
6/14/18 10:00 PM	0	143	582	123664
6/14/18 10:30 PM	0	143	582	123664
6/14/18 11:00 PM	0	143	582	123664
6/14/18 11:30 PM	0	143	582	123664
6/15/18 12:00 AM	0	143	582	123664
6/15/18 12:30 AM	0	143	582	123664
6/15/18 1:00 AM	0	143	582	123664
6/15/18 1:30 AM	0	143	582	123664
6/15/18 2:00 AM	0	143	582	123664
6/15/18 2:30 AM	0	143	582	123664
6/15/18 3:00 AM	0	143	582	123664
6/15/18 3:30 AM	0	143	582	123664
6/15/18 4:00 AM	0	143	582	123664
6/15/18 4:30 AM	0	143	582	123664
6/15/18 5:00 AM	0	142	582	123664
6/15/18 5:30 AM	0	142	582	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/15/18 6:00 AM	0	142	582	123664
6/15/18 6:30 AM	0	142	582	123664
6/15/18 7:00 AM	0	142	582	123664
6/15/18 7:30 AM	0	142	582	123664
6/15/18 8:00 AM	0	142	582	123664
6/15/18 8:30 AM	0	142	582	123664
6/15/18 9:00 AM	0	142	582	123664
6/15/18 9:30 AM	0	142	582	123664
6/15/18 10:00 AM	0	142	582	123664
6/15/18 10:30 AM	0	142	582	123664
6/15/18 11:00 AM	0	142	582	123664
6/15/18 11:30 AM	0	143	582	123664
6/15/18 12:00 PM	0	143	581	123664
6/15/18 12:30 PM	0	143	581	123664
6/15/18 1:00 PM	0	143	581	123664
6/15/18 1:30 PM	0	143	581	123664
6/15/18 2:00 PM	0	143	581	123664
6/15/18 2:30 PM	0	143	581	123664
6/15/18 3:00 PM	0	143	581	123664
6/15/18 3:30 PM	0	143	581	123664
6/15/18 4:00 PM	0	143	581	123664
6/15/18 4:30 PM	0	143	581	123664
6/15/18 5:00 PM	0	143	581	123664
6/15/18 5:30 PM	0	143	581	123664
6/15/18 6:00 PM	0	143	581	123664
6/15/18 6:30 PM	0	143	581	123664
6/15/18 7:00 PM	0	143	581	123664
6/15/18 7:30 PM	0	143	581	123664
6/15/18 8:00 PM	0	143	581	123664
6/15/18 8:30 PM	0	143	581	123664
6/15/18 9:00 PM	0	143	581	123664
6/15/18 9:30 PM	0	143	581	123664
6/15/18 10:00 PM	0	143	581	123664
6/15/18 10:30 PM	0	143	581	123664
6/15/18 11:00 PM	0	143	581	123664
6/15/18 11:30 PM	0	143	581	123664
6/16/18 12:00 AM	0	143	581	123664
6/16/18 12:30 AM	0	143	581	123664
6/16/18 1:00 AM	0	143	581	123664
6/16/18 1:30 AM	0	143	581	123664
6/16/18 2:00 AM	0	143	581	123664
6/16/18 2:30 AM	0	143	581	123664
6/16/18 3:00 AM	0	143	581	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/16/18 3:30 AM	0	143	581	123664
6/16/18 4:00 AM	0	142	581	123664
6/16/18 4:30 AM	0	142	581	123664
6/16/18 5:00 AM	0	142	581	123664
6/16/18 5:30 AM	0	142	581	123664
6/16/18 6:00 AM	0	142	581	123664
6/16/18 6:30 AM	0	142	581	123664
6/16/18 7:00 AM	0	142	581	123664
6/16/18 7:30 AM	0	142	581	123664
6/16/18 8:00 AM	0	142	581	123664
6/16/18 8:30 AM	0	142	581	123664
6/16/18 9:00 AM	0	142	581	123664
6/16/18 9:30 AM	0	142	581	123664
6/16/18 10:00 AM	0	143	581	123664
6/16/18 10:30 AM	0	143	580	123664
6/16/18 11:00 AM	0	143	580	123664
6/16/18 11:30 AM	0	143	580	123664
6/16/18 12:00 PM	0	143	580	123664
6/16/18 12:30 PM	0	143	580	123664
6/16/18 1:00 PM	0	143	580	123664
6/16/18 1:30 PM	0	143	580	123664
6/16/18 2:00 PM	0	143	580	123664
6/16/18 2:30 PM	0	143	580	123664
6/16/18 3:00 PM	0	144	580	123664
6/16/18 3:30 PM	0	144	580	123664
6/16/18 4:00 PM	0	144	580	123664
6/16/18 4:30 PM	0	144	580	123664
6/16/18 5:00 PM	0	144	580	123664
6/16/18 5:30 PM	0	144	580	123664
6/16/18 6:00 PM	0	144	580	123664
6/16/18 6:30 PM	0	144	580	123664
6/16/18 7:00 PM	0	144	580	123664
6/16/18 7:30 PM	0	144	580	123664
6/16/18 8:00 PM	0	144	580	123664
6/16/18 8:30 PM	0	144	580	123664
6/16/18 9:00 PM	0	144	580	123664
6/16/18 9:30 PM	0	144	580	123664
6/16/18 10:00 PM	0	144	580	123664
6/16/18 10:30 PM	0	144	580	123664
6/16/18 11:00 PM	0	144	580	123664
6/16/18 11:30 PM	0	144	580	123664
6/17/18 12:00 AM	0	144	580	123664
6/17/18 12:30 AM	0	144	580	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/17/18 1:00 AM	0	144	580	123664
6/17/18 1:30 AM	0	144	580	123664
6/17/18 2:00 AM	0	144	580	123664
6/17/18 2:30 AM	0	144	580	123664
6/17/18 3:00 AM	0	144	580	123664
6/17/18 3:30 AM	0	144	580	123664
6/17/18 4:00 AM	0	144	579	123664
6/17/18 4:30 AM	0	144	579	123664
6/17/18 5:00 AM	0	143	579	123664
6/17/18 5:30 AM	0	143	579	123664
6/17/18 6:00 AM	0	143	579	123664
6/17/18 6:30 AM	0	143	579	123664
6/17/18 7:00 AM	0	143	579	123664
6/17/18 7:30 AM	0	143	580	123664
6/17/18 8:00 AM	0	143	580	123664
6/17/18 8:30 AM	0	143	580	123664
6/17/18 9:00 AM	0	143	579	123664
6/17/18 9:30 AM	0	143	579	123664
6/17/18 10:00 AM	0	144	579	123664
6/17/18 10:30 AM	0	144	579	123664
6/17/18 11:00 AM	0	144	579	123664
6/17/18 11:30 AM	0	144	579	123664
6/17/18 12:00 PM	0	144	579	123664
6/17/18 12:30 PM	0	144	579	123664
6/17/18 1:00 PM	0	144	579	123664
6/17/18 1:30 PM	0	144	579	123664
6/17/18 2:00 PM	0	144	579	123664
6/17/18 2:30 PM	0	144	579	123664
6/17/18 3:00 PM	0	144	578	123664
6/17/18 3:30 PM	0	144	579	123664
6/17/18 4:00 PM	0	144	579	123664
6/17/18 4:30 PM	0	145	579	123664
6/17/18 5:00 PM	0	144	579	123664
6/17/18 5:30 PM	0	144	579	123664
6/17/18 6:00 PM	0	144	579	123664
6/17/18 6:30 PM	0	144	579	123664
6/17/18 7:00 PM	0	144	579	123664
6/17/18 7:30 PM	0	144	579	123664
6/17/18 8:00 PM	0	144	579	123664
6/17/18 8:30 PM	0	144	579	123664
6/17/18 9:00 PM	0	144	579	123664
6/17/18 9:30 PM	0	144	579	123664
6/17/18 10:00 PM	0	144	579	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/17/18 10:30 PM	0	144	579	123664
6/17/18 11:00 PM	0	144	579	123664
6/17/18 11:30 PM	0	144	579	123664
6/18/18 12:00 AM	0	144	578	123664
6/18/18 12:30 AM	0	144	578	123664
6/18/18 1:00 AM	0	144	578	123664
6/18/18 1:30 AM	0	144	578	123664
6/18/18 2:00 AM	0	144	578	123664
6/18/18 2:30 AM	0	144	578	123664
6/18/18 3:00 AM	0	144	578	123664
6/18/18 3:30 AM	0	144	578	123664
6/18/18 4:00 AM	0	144	578	123664
6/18/18 4:30 AM	0	143	578	123664
6/18/18 5:00 AM	0	143	578	123664
6/18/18 5:30 AM	0	143	578	123664
6/18/18 6:00 AM	0	143	578	123664
6/18/18 6:30 AM	0	143	578	123664
6/18/18 7:00 AM	0	143	578	123664
6/18/18 7:30 AM	0	143	578	123664
6/18/18 8:00 AM	0	143	578	123664
6/18/18 8:30 AM	0	143	578	123664
6/18/18 9:00 AM	0	143	578	123664
6/18/18 9:30 AM	0	143	578	123664
6/18/18 10:00 AM	0	144	578	123664
6/18/18 10:30 AM	0	144	578	123664
6/18/18 11:00 AM	0	144	578	123664
6/18/18 11:30 AM	0	144	578	123664
6/18/18 12:00 PM	0	144	578	123664
6/18/18 12:30 PM	0	144	578	123664
6/18/18 1:00 PM	0	144	578	123664
6/18/18 1:30 PM	0	144	578	123664
6/18/18 2:00 PM	0	144	578	123664
6/18/18 2:30 PM	0	144	578	123664
6/18/18 3:00 PM	0	145	578	123664
6/18/18 3:30 PM	0	145	578	123664
6/18/18 4:00 PM	0	145	578	123664
6/18/18 4:30 PM	0	145	577	123664
6/18/18 5:00 PM	0	145	577	123664
6/18/18 5:30 PM	0	145	577	123664
6/18/18 6:00 PM	0	145	577	123664
6/18/18 6:30 PM	0	145	578	123664
6/18/18 7:00 PM	0	145	578	123664
6/18/18 7:30 PM	0	145	578	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/18/18 8:00 PM	0	145	578	123664
6/18/18 8:30 PM	0	145	577	123664
6/18/18 9:00 PM	0	145	577	123664
6/18/18 9:30 PM	0	145	578	123664
6/18/18 10:00 PM	0	145	577	123664
6/18/18 10:30 PM	0	145	577	123664
6/18/18 11:00 PM	0	144	577	123664
6/18/18 11:30 PM	0	144	577	123664
6/19/18 12:00 AM	0	144	577	123664
6/19/18 12:30 AM	0	144	577	123664
6/19/18 1:00 AM	0	144	577	123664
6/19/18 1:30 AM	0	144	577	123664
6/19/18 2:00 AM	0	144	577	123664
6/19/18 2:30 AM	0	144	577	123664
6/19/18 3:00 AM	0	144	577	123664
6/19/18 3:30 AM	0	144	577	123664
6/19/18 4:00 AM	0	144	577	123664
6/19/18 4:30 AM	0	144	577	123664
6/19/18 5:00 AM	0	144	577	123664
6/19/18 5:30 AM	0	144	577	123664
6/19/18 6:00 AM	0	144	577	123664
6/19/18 6:30 AM	0	143	577	123664
6/19/18 7:00 AM	0	143	577	123664
6/19/18 7:30 AM	0	144	577	123664
6/19/18 8:00 AM	0	144	577	123664
6/19/18 8:30 AM	0	144	577	123664
6/19/18 9:00 AM	0	144	577	123664
6/19/18 9:30 AM	0	144	577	123664
6/19/18 10:00 AM	0	144	577	123664
6/19/18 10:30 AM	0	144	577	123664
6/19/18 11:00 AM	0	144	577	123664
6/19/18 11:30 AM	0	144	577	123664
6/19/18 12:00 PM	0	144	577	123664
6/19/18 12:30 PM	0	144	576	123664
6/19/18 1:00 PM	0	144	577	123664
6/19/18 1:30 PM	0	145	577	123664
6/19/18 2:00 PM	0	145	576	123664
6/19/18 2:30 PM	0	145	577	123664
6/19/18 3:00 PM	0	145	576	123664
6/19/18 3:30 PM	0	145	577	123664
6/19/18 4:00 PM	0	145	576	123664
6/19/18 4:30 PM	0	145	577	123664
6/19/18 5:00 PM	0	145	576	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/19/18 5:30 PM	0	145	576	123664
6/19/18 6:00 PM	0	145	576	123664
6/19/18 6:30 PM	0	146	576	123664
6/19/18 7:00 PM	0	146	576	123664
6/19/18 7:30 PM	0	146	576	123664
6/19/18 8:00 PM	0	146	576	123664
6/19/18 8:30 PM	0	146	576	123664
6/19/18 9:00 PM	0	146	576	123664
6/19/18 9:30 PM	0	146	576	123664
6/19/18 10:00 PM	0	146	576	123664
6/19/18 10:30 PM	0	146	576	123664
6/19/18 11:00 PM	0	146	576	123664
6/19/18 11:30 PM	0	145	576	123664
6/20/18 12:00 AM	0	145	576	123664
6/20/18 12:30 AM	0	145	576	123664
6/20/18 1:00 AM	0	145	576	123664
6/20/18 1:30 AM	0	145	576	123664
6/20/18 2:00 AM	0	145	576	123664
6/20/18 2:30 AM	0	145	576	123664
6/20/18 3:00 AM	0	145	576	123664
6/20/18 3:30 AM	0	145	576	123664
6/20/18 4:00 AM	0	145	576	123664
6/20/18 4:30 AM	0	145	576	123664
6/20/18 5:00 AM	0	145	576	123664
6/20/18 5:30 AM	0	145	576	123664
6/20/18 6:00 AM	0	145	576	123664
6/20/18 6:30 AM	0	145	576	123664
6/20/18 7:00 AM	0	145	576	123664
6/20/18 7:30 AM	0	145	576	123664
6/20/18 8:00 AM	0	145	576	123664
6/20/18 8:30 AM	0	145	576	123664
6/20/18 9:00 AM	0	145	576	123664
6/20/18 9:30 AM	0	145	576	123664
6/20/18 10:00 AM	0	145	576	123664
6/20/18 10:30 AM	0	145	576	123664
6/20/18 11:00 AM	0	145	575	123664
6/20/18 11:30 AM	0	145	576	123664
6/20/18 12:00 PM	0	145	576	123664
6/20/18 12:30 PM	0	146	576	123664
6/20/18 1:00 PM	0	146	575	123664
6/20/18 1:30 PM	0	146	575	123664
6/20/18 2:00 PM	0	146	575	123664
6/20/18 2:30 PM	0	146	575	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/20/18 3:00 PM	0	146	575	123664
6/20/18 3:30 PM	0	146	576	123664
6/20/18 4:00 PM	0	146	575	123664
6/20/18 4:30 PM	0	146	575	123664
6/20/18 5:00 PM	0	146	575	123664
6/20/18 5:30 PM	0	146	575	123664
6/20/18 6:00 PM	0	147	575	123664
6/20/18 6:30 PM	0	147	575	123664
6/20/18 7:00 PM	0	147	575	123664
6/20/18 7:30 PM	0	147	575	123664
6/20/18 8:00 PM	0	147	575	123664
6/20/18 8:30 PM	0	147	575	123664
6/20/18 9:00 PM	0	147	575	123664
6/20/18 9:30 PM	0	147	575	123664
6/20/18 10:00 PM	0	147	575	123664
6/20/18 10:30 PM	0	147	575	123664
6/20/18 11:00 PM	0	147	575	123664
6/20/18 11:30 PM	0	147	575	123664
6/21/18 12:00 AM	0	147	575	123664
6/21/18 12:30 AM	0	146	575	123664
6/21/18 1:00 AM	0	146	575	123664
6/21/18 1:30 AM	0	146	575	123664
6/21/18 2:00 AM	0	146	575	123664
6/21/18 2:30 AM	0	146	575	123664
6/21/18 3:00 AM	0	146	575	123664
6/21/18 3:30 AM	0	146	575	123664
6/21/18 4:00 AM	0	146	575	123664
6/21/18 4:30 AM	0	146	575	123664
6/21/18 5:00 AM	0	146	575	123664
6/21/18 5:30 AM	0	146	575	123664
6/21/18 6:00 AM	0	146	575	123664
6/21/18 6:30 AM	0	146	575	123664
6/21/18 7:00 AM	0	146	575	123664
6/21/18 7:30 AM	0	146	575	123664
6/21/18 8:00 AM	0	146	575	123664
6/21/18 8:30 AM	0	146	575	123664
6/21/18 9:00 AM	0	146	575	123664
6/21/18 9:30 AM	0	146	575	123664
6/21/18 10:00 AM	0	146	575	123664
6/21/18 10:30 AM	0	146	575	123664
6/21/18 11:00 AM	0	146	575	123664
6/21/18 11:30 AM	0	146	575	123664
6/21/18 12:00 PM	0	146	575	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/21/18 12:30 PM	0	146	574	123664
6/21/18 1:00 PM	0	146	575	123664
6/21/18 1:30 PM	0	146	574	123664
6/21/18 2:00 PM	0	147	574	123664
6/21/18 2:30 PM	0	147	574	123664
6/21/18 3:00 PM	0	147	574	123664
6/21/18 3:30 PM	0	147	574	123664
6/21/18 4:00 PM	0	147	574	123664
6/21/18 4:30 PM	0	147	574	123664
6/21/18 5:00 PM	0	147	574	123664
6/21/18 5:30 PM	0	147	574	123664
6/21/18 6:00 PM	0	147	574	123664
6/21/18 6:30 PM	0	147	574	123664
6/21/18 7:00 PM	0	147	574	123664
6/21/18 7:30 PM	0	147	574	123664
6/21/18 8:00 PM	0	147	574	123664
6/21/18 8:30 PM	0	147	574	123664
6/21/18 9:00 PM	0	147	574	123664
6/21/18 9:30 PM	0	147	574	123664
6/21/18 10:00 PM	0	147	574	123664
6/21/18 10:30 PM	0	147	574	123664
6/21/18 11:00 PM	0	147	574	123664
6/21/18 11:30 PM	0	147	574	123664
6/22/18 12:00 AM	0	147	574	123664
6/22/18 12:30 AM	0	147	574	123664
6/22/18 1:00 AM	0	147	574	123664
6/22/18 1:30 AM	0	147	574	123664
6/22/18 2:00 AM	0	147	574	123664
6/22/18 2:30 AM	0	147	574	123664
6/22/18 3:00 AM	0	147	574	123664
6/22/18 3:30 AM	0	147	574	123664
6/22/18 4:00 AM	0	146	574	123664
6/22/18 4:30 AM	0	146	574	123664
6/22/18 5:00 AM	0	146	574	123664
6/22/18 5:30 AM	0	146	574	123664
6/22/18 6:00 AM	0	146	574	123664
6/22/18 6:30 AM	0	146	574	123664
6/22/18 7:00 AM	0	146	574	123664
6/22/18 7:30 AM	0	146	574	123664
6/22/18 8:00 AM	0	146	574	123664
6/22/18 8:30 AM	0	146	574	123664
6/22/18 9:00 AM	0	146	574	123664
6/22/18 9:30 AM	0	146	574	123664

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
6/22/18 10:00 AM	0	146	573	123664
6/22/18 10:30 AM	0	147	573	123664
6/22/18 11:00 AM	0	147	573	123664
6/22/18 11:30 AM	0	147	573	123664
6/22/18 12:00 PM	0	147	573	123664
6/22/18 12:30 PM	0	147	573	123664
6/22/18 1:00 PM	0	147	573	123664
6/22/18 1:30 PM	0	147	572	123664
6/22/18 2:00 PM	0	147	573	123664
6/22/18 2:30 PM	0	147	573	123664
6/22/18 3:00 PM	0	147	574	123664
6/22/18 3:30 PM	0	147	573	123664
6/22/18 4:00 PM	0	147	574	123664
6/22/18 4:30 PM	0	147	573	123664
6/22/18 5:00 PM	0	147	573	123664
6/22/18 5:30 PM	0	147	573	123664
6/22/18 6:00 PM	0	147	573	123664
6/22/18 6:30 PM	0	147	573	123664
6/22/18 7:00 PM	0	147	573	123664
6/22/18 7:30 PM	0	147	573	123664
6/22/18 8:00 PM	0	146	573	123664
6/22/18 8:30 PM	0	146	573	123664
6/22/18 9:00 PM	0	146	573	123664
6/22/18 9:30 PM	0	146	573	123664
6/22/18 10:00 PM	0	146	573	123664
6/22/18 10:30 PM	0	146	573	123664
6/22/18 11:00 PM	0	146	573	123664
6/22/18 11:30 PM	0	146	573	123664
6/23/18 12:00 AM	0	146	573	123664
6/23/18 12:30 AM	0	146	573	123664
6/23/18 1:00 AM	0	146	573	123664
6/23/18 1:30 AM	0	146	573	123664
6/23/18 2:00 AM	0	146	573	123664
6/23/18 2:30 AM	0	146	573	123664
6/23/18 3:00 AM	0	146	573	123664
6/23/18 3:30 AM	0	146	573	123664
6/23/18 4:00 AM	0	146	572	123664
6/23/18 4:30 AM	0	145	572	123664
6/23/18 5:00 AM	0	145	572	123664
6/23/18 5:30 AM	0	145	572	123664
6/23/18 6:00 AM	0	145	572	123664
6/23/18 6:30 AM	0	145	573	123664
6/23/18 7:00 AM	0	145	573	123664

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/23/18 7:30 AM	0	145	573	123664
6/23/18 8:00 AM	0	145	573	123664
6/23/18 8:30 AM	0	145	573	123664
6/23/18 9:00 AM	0	145	573	123664
6/23/18 9:30 AM	0	146	573	123664
6/23/18 10:00 AM	0	146	572	123664
6/23/18 10:30 AM	0	146	572	123664
6/23/18 11:00 AM	0	146	572	123664
6/23/18 11:30 AM	0	146	572	123664
6/23/18 12:00 PM	0	146	572	123664
6/23/18 12:30 PM	0	146	572	123664
6/23/18 1:00 PM	0	146	572	123664
6/23/18 1:30 PM	0	146	572	123664
6/23/18 2:00 PM	0	146	572	123664
6/23/18 2:30 PM	0	146	572	123664
6/23/18 3:00 PM	0	146	572	123664
6/23/18 3:30 PM	0	146	572	123664
6/23/18 4:00 PM	0	147	572	123664
6/23/18 4:30 PM	0	147	572	123664
6/23/18 5:00 PM	0	147	572	123664
6/23/18 5:30 PM	0	147	572	123664
6/23/18 6:00 PM	0	147	572	123664
6/23/18 6:30 PM	0	147	572	123664
6/23/18 7:00 PM	0	147	572	123664
6/23/18 7:30 PM	0	147	572	123664
6/23/18 8:00 PM	0	147	572	123664
6/23/18 8:30 PM	0	147	572	123664
6/23/18 9:00 PM	0	147	572	123664
6/23/18 9:30 PM	0	147	572	123664
6/23/18 10:00 PM	0	147	572	123664
6/23/18 10:30 PM	0	147	572	123664
6/23/18 11:00 PM	0	147	572	123664
6/23/18 11:30 PM	0	147	572	123664
6/24/18 12:00 AM	0	147	572	123664
6/24/18 12:30 AM	0	147	572	123664
6/24/18 1:00 AM	0	147	572	123664
6/24/18 1:30 AM	0	147	572	123664
6/24/18 2:00 AM	0	146	572	123664
6/24/18 2:30 AM	0	146	572	123664
6/24/18 3:00 AM	0	146	572	123664
6/24/18 3:30 AM	0	146	572	123664
6/24/18 4:00 AM	0	146	572	123664
6/24/18 4:30 AM	0	146	571	123664

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/24/18 5:00 AM	0	146	571	123664
6/24/18 5:30 AM	0	146	571	123664
6/24/18 6:00 AM	0	146	571	123664
6/24/18 6:30 AM	0	146	572	123664
6/24/18 7:00 AM	0	146	572	123664
6/24/18 7:30 AM	0	146	572	123664
6/24/18 8:00 AM	0	146	572	123664
6/24/18 8:30 AM	0	146	572	123664
6/24/18 9:00 AM	0	146	572	123664
6/24/18 9:30 AM	0	146	572	123664
6/24/18 10:00 AM	0	146	572	123664
6/24/18 10:30 AM	0	146	571	123664
6/24/18 11:00 AM	0	146	571	123664
6/24/18 11:30 AM	0	147	571	123664
6/24/18 12:00 PM	0	147	571	123664
6/24/18 12:30 PM	0	147	571	123664
6/24/18 1:00 PM	0	147	571	123664
6/24/18 1:30 PM	0	147	571	123664
6/24/18 2:00 PM	0	147	571	123664
6/24/18 2:30 PM	0	147	571	123664
6/24/18 3:00 PM	0	147	571	123664
6/24/18 3:30 PM	0	147	571	123664
6/24/18 4:00 PM	0	148	571	123664
6/24/18 4:30 PM	0	148	571	123664
6/24/18 5:00 PM	0	148	571	123664
6/24/18 5:30 PM	0	148	571	123664
6/24/18 6:00 PM	0	148	571	123664
6/24/18 6:30 PM	0	148	571	123664
6/24/18 7:00 PM	0	148	571	123664
6/24/18 7:30 PM	0	148	571	123664
6/24/18 8:00 PM	0	148	571	123664
6/24/18 8:30 PM	0	148	571	123664
6/24/18 9:00 PM	0	148	571	123664
6/24/18 9:30 PM	0	148	571	123664
6/24/18 10:00 PM	0	148	571	123664
6/24/18 10:30 PM	0	148	571	123664
6/24/18 11:00 PM	0	148	571	123664
6/24/18 11:30 PM	0	148	571	123664
6/25/18 12:00 AM	0	148	571	123664
6/25/18 12:30 AM	0	148	571	123664
6/25/18 1:00 AM	0	148	571	123664
6/25/18 1:30 AM	0	148	571	123664
6/25/18 2:00 AM	0	148	571	123664

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/25/18 2:30 AM	0	147	571	123664
6/25/18 3:00 AM	0	147	571	123664
6/25/18 3:30 AM	0	147	571	123664
6/25/18 4:00 AM	0	147	571	123664
6/25/18 4:30 AM	0	147	571	123664
6/25/18 5:00 AM	0	147	570	123664
6/25/18 5:30 AM	0	147	570	123664
6/25/18 6:00 AM	0	147	570	123664
6/25/18 6:30 AM	0	147	571	123664
6/25/18 7:00 AM	0	147	571	123664
6/25/18 7:30 AM	0	147	571	123664
6/25/18 8:00 AM	0	147	571	123664
6/25/18 8:30 AM	0	147	571	123664
6/25/18 9:00 AM	0	147	571	123664
6/25/18 9:30 AM	0	147	570	123664
6/25/18 10:00 AM	0	147	570	123664
6/25/18 10:30 AM	0	147	570	123664
6/25/18 11:00 AM	0	147	570	123664
6/25/18 11:30 AM	0	147	570	123664
6/25/18 12:00 PM	0	148	570	123664
6/25/18 12:30 PM	0	148	570	123664
6/25/18 1:00 PM	0	148	570	123664
6/25/18 1:30 PM	0	148	570	123664
6/25/18 2:00 PM	0	148	570	123664
6/25/18 2:30 PM	0	148	570	123664
6/25/18 3:00 PM	0	148	570	123664
6/25/18 3:30 PM	0	148	570	123664
6/25/18 4:00 PM	0	149	570	123664
6/25/18 4:30 PM	0	149	570	123664
6/25/18 5:00 PM	0	149	570	123664
6/25/18 5:30 PM	0	149	570	123664
6/25/18 6:00 PM	0	149	570	123664
6/25/18 6:30 PM	0	149	570	123664
6/25/18 7:00 PM	0	149	570	123664
6/25/18 7:30 PM	0	149	570	123664
6/25/18 8:00 PM	0	149	570	123664
6/25/18 8:30 PM	0	149	570	123664
6/25/18 9:00 PM	0	149	570	123664
6/25/18 9:30 PM	0	149	570	123664
6/25/18 10:00 PM	0	149	570	123664
6/25/18 10:30 PM	0	149	570	123664
6/25/18 11:00 PM	0	149	570	123664
6/25/18 11:30 PM	0	149	570	123664

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/26/18 12:00 AM	0	149	570	123664
6/26/18 12:30 AM	0	149	570	123664
6/26/18 1:00 AM	0	149	570	123664
6/26/18 1:30 AM	0	149	570	123664
6/26/18 2:00 AM	0	149	570	123664
6/26/18 2:30 AM	0	148	570	123664
6/26/18 3:00 AM	0	148	570	123664
6/26/18 3:30 AM	0	148	570	123664
6/26/18 4:00 AM	0	148	570	123664
6/26/18 4:30 AM	0	148	570	123664
6/26/18 5:00 AM	0	148	570	123664
6/26/18 5:30 AM	0	148	570	123664
6/26/18 6:00 AM	0	148	570	123664
6/26/18 6:30 AM	0	148	570	123664
6/26/18 7:00 AM	0	148	570	123664
6/26/18 7:30 AM	0	148	570	123664
6/26/18 8:00 AM	0	148	570	123664
6/26/18 8:30 AM	0	148	570	123664
6/26/18 9:00 AM	26	102	766	123674
6/26/18 9:30 AM	27	43	835	123693
6/26/18 10:00 AM	25	25	873	123712
6/26/18 10:30 AM	27	18	896	123730
6/26/18 11:00 AM	25	13	914	123748
6/26/18 11:30 AM	24	11	928	123767
6/26/18 12:00 PM	27	9	940	123785
6/26/18 12:30 PM	25	8	951	123802
6/26/18 1:00 PM	25	7	958	123820
6/26/18 1:30 PM	27	6	964	123838
6/26/18 2:00 PM	0	6	873	123853
6/26/18 2:30 PM	0	8	755	123853
6/26/18 3:00 PM	0	10	718	123853
6/26/18 3:30 PM	0	13	696	123853
6/26/18 4:00 PM	0	16	681	123853
6/26/18 4:30 PM	0	18	669	123853
6/26/18 5:00 PM	0	21	660	123853
6/26/18 5:30 PM	0	24	652	123853
6/26/18 6:00 PM	0	26	646	123853
6/26/18 6:30 PM	0	29	641	123853
6/26/18 7:00 PM	0	32	637	123853
6/26/18 7:30 PM	0	35	633	123853
6/26/18 8:00 PM	0	37	630	123853
6/26/18 8:30 PM	0	40	627	123853
6/26/18 9:00 PM	0	43	624	123853

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/26/18 9:30 PM	0	45	622	123853
6/26/18 10:00 PM	0	48	620	123853
6/26/18 10:30 PM	0	50	618	123853
6/26/18 11:00 PM	0	53	616	123853
6/26/18 11:30 PM	0	55	614	123853
6/27/18 12:00 AM	0	57	613	123853
6/27/18 12:30 AM	0	59	612	123853
6/27/18 1:00 AM	0	61	610	123853
6/27/18 1:30 AM	0	64	609	123853
6/27/18 2:00 AM	0	66	608	123853
6/27/18 2:30 AM	0	67	607	123853
6/27/18 3:00 AM	0	69	606	123853
6/27/18 3:30 AM	0	71	605	123853
6/27/18 4:00 AM	0	73	604	123853
6/27/18 4:30 AM	0	75	603	123853
6/27/18 5:00 AM	0	76	602	123853
6/27/18 5:30 AM	0	78	602	123853
6/27/18 6:00 AM	0	79	601	123853
6/27/18 6:30 AM	0	81	600	123853
6/27/18 7:00 AM	0	82	600	123853
6/27/18 7:30 AM	0	84	599	123853
6/27/18 8:00 AM	0	85	599	123853
6/27/18 8:30 AM	0	86	598	123853
6/27/18 9:00 AM	0	87	597	123853
6/27/18 9:30 AM	0	89	597	123853
6/27/18 10:00 AM	0	90	596	123853
6/27/18 10:30 AM	0	91	596	123853
6/27/18 11:00 AM	0	92	595	123853
6/27/18 11:30 AM	0	94	595	123853
6/27/18 12:00 PM	0	95	594	123853
6/27/18 12:30 PM	0	96	594	123853
6/27/18 1:00 PM	0	97	593	123853
6/27/18 1:30 PM	0	98	593	123853
6/27/18 2:00 PM	0	99	592	123853
6/27/18 2:30 PM	0	100	592	123853
6/27/18 3:00 PM	0	101	592	123853
6/27/18 3:30 PM	0	102	591	123853
6/27/18 4:00 PM	0	102	591	123853
6/27/18 4:30 PM	0	103	591	123853
6/27/18 5:00 PM	0	104	590	123853
6/27/18 5:30 PM	0	105	590	123853
6/27/18 6:00 PM	0	106	590	123853
6/27/18 6:30 PM	0	106	589	123853

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/27/18 7:00 PM	0	107	589	123853
6/27/18 7:30 PM	0	108	589	123853
6/27/18 8:00 PM	0	108	589	123853
6/27/18 8:30 PM	0	109	588	123853
6/27/18 9:00 PM	0	110	588	123853
6/27/18 9:30 PM	0	110	588	123853
6/27/18 10:00 PM	0	111	588	123853
6/27/18 10:30 PM	0	111	587	123853
6/27/18 11:00 PM	0	112	587	123853
6/27/18 11:30 PM	0	112	587	123853
6/28/18 12:00 AM	0	113	587	123853
6/28/18 12:30 AM	0	113	587	123853
6/28/18 1:00 AM	0	114	586	123853
6/28/18 1:30 AM	0	114	586	123853
6/28/18 2:00 AM	0	114	586	123853
6/28/18 2:30 AM	0	115	586	123853
6/28/18 3:00 AM	0	115	586	123853
6/28/18 3:30 AM	0	116	585	123853
6/28/18 4:00 AM	0	116	585	123853
6/28/18 4:30 AM	0	116	585	123853
6/28/18 5:00 AM	0	116	585	123853
6/28/18 5:30 AM	0	117	585	123853
6/28/18 6:00 AM	0	117	584	123853
6/28/18 6:30 AM	0	117	584	123853
6/28/18 7:00 AM	0	118	584	123853
6/28/18 7:30 AM	0	118	584	123853
6/28/18 8:00 AM	0	119	584	123853
6/28/18 8:30 AM	0	119	584	123853
6/28/18 9:00 AM	0	119	583	123853
6/28/18 9:30 AM	0	120	583	123853
6/28/18 10:00 AM	0	120	583	123853
6/28/18 10:30 AM	0	120	583	123853
6/28/18 11:00 AM	0	121	583	123853
6/28/18 11:30 AM	0	121	582	123853
6/28/18 12:00 PM	0	122	582	123853
6/28/18 12:30 PM	0	122	582	123853
6/28/18 1:00 PM	0	122	582	123853
6/28/18 1:30 PM	0	123	582	123853
6/28/18 2:00 PM	0	123	582	123853
6/28/18 2:30 PM	0	124	582	123853
6/28/18 3:00 PM	0	124	582	123853
6/28/18 3:30 PM	0	124	582	123853
6/28/18 4:00 PM	0	125	581	123853

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/28/18 4:30 PM	0	125	581	123853
6/28/18 5:00 PM	0	125	581	123853
6/28/18 5:30 PM	0	125	581	123853
6/28/18 6:00 PM	0	126	580	123853
6/28/18 6:30 PM	0	126	580	123853
6/28/18 7:00 PM	0	126	581	123853
6/28/18 7:30 PM	0	126	581	123853
6/28/18 8:00 PM	0	126	580	123853
6/28/18 8:30 PM	0	126	580	123853
6/28/18 9:00 PM	0	127	580	123853
6/28/18 9:30 PM	0	127	580	123853
6/28/18 10:00 PM	0	127	580	123853
6/28/18 10:30 PM	0	127	580	123853
6/28/18 11:00 PM	0	127	580	123853
6/28/18 11:30 PM	0	128	580	123853
6/29/18 12:00 AM	0	128	580	123853
6/29/18 12:30 AM	0	128	579	123853
6/29/18 1:00 AM	0	128	579	123853
6/29/18 1:30 AM	0	128	579	123853
6/29/18 2:00 AM	0	128	579	123853
6/29/18 2:30 AM	0	128	579	123853
6/29/18 3:00 AM	0	129	579	123853
6/29/18 3:30 AM	0	129	579	123853
6/29/18 4:00 AM	0	129	579	123853
6/29/18 4:30 AM	0	129	579	123853
6/29/18 5:00 AM	0	129	579	123853
6/29/18 5:30 AM	0	129	578	123853
6/29/18 6:00 AM	0	129	578	123853
6/29/18 6:30 AM	0	129	578	123853
6/29/18 7:00 AM	0	130	578	123853
6/29/18 7:30 AM	0	130	578	123853
6/29/18 8:00 AM	0	130	578	123853
6/29/18 8:30 AM	0	130	578	123853
6/29/18 9:00 AM	0	130	578	123853
6/29/18 9:30 AM	0	130	578	123853
6/29/18 10:00 AM	0	131	578	123853
6/29/18 10:30 AM	0	131	578	123853
6/29/18 11:00 AM	0	131	578	123853
6/29/18 11:30 AM	0	131	577	123853
6/29/18 12:00 PM	0	132	577	123853
6/29/18 12:30 PM	0	132	577	123853
6/29/18 1:00 PM	0	132	577	123853
6/29/18 1:30 PM	0	132	577	123853

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/29/18 2:00 PM	0	133	577	123853
6/29/18 2:30 PM	0	133	577	123853
6/29/18 3:00 PM	0	133	577	123853
6/29/18 3:30 PM	0	133	577	123853
6/29/18 4:00 PM	0	133	577	123853
6/29/18 4:30 PM	0	134	577	123853
6/29/18 5:00 PM	0	134	577	123853
6/29/18 5:30 PM	0	134	577	123853
6/29/18 6:00 PM	0	134	576	123853
6/29/18 6:30 PM	0	134	576	123853
6/29/18 7:00 PM	0	134	576	123853
6/29/18 7:30 PM	0	135	576	123853
6/29/18 8:00 PM	0	135	576	123853
6/29/18 8:30 PM	0	135	576	123853
6/29/18 9:00 PM	0	135	576	123853
6/29/18 9:30 PM	0	135	576	123853
6/29/18 10:00 PM	0	135	576	123853
6/29/18 10:30 PM	0	135	576	123853
6/29/18 11:00 PM	0	135	576	123853
6/29/18 11:30 PM	0	135	576	123853
6/30/18 12:00 AM	0	135	576	123853
6/30/18 12:30 AM	0	135	576	123853
6/30/18 1:00 AM	0	135	576	123853
6/30/18 1:30 AM	0	135	576	123853
6/30/18 2:00 AM	0	135	575	123853
6/30/18 2:30 AM	0	136	575	123853
6/30/18 3:00 AM	0	136	575	123853
6/30/18 3:30 AM	0	136	575	123853
6/30/18 4:00 AM	0	136	575	123853
6/30/18 4:30 AM	0	136	575	123853
6/30/18 5:00 AM	0	136	575	123853
6/30/18 5:30 AM	0	136	575	123853
6/30/18 6:00 AM	0	136	575	123853
6/30/18 6:30 AM	0	136	575	123853
6/30/18 7:00 AM	0	136	575	123853
6/30/18 7:30 AM	0	136	575	123853
6/30/18 8:00 AM	0	136	575	123853
6/30/18 8:30 AM	0	136	575	123853
6/30/18 9:00 AM	0	136	574	123853
6/30/18 9:30 AM	0	136	574	123853
6/30/18 10:00 AM	0	137	575	123853
6/30/18 10:30 AM	0	137	575	123853
6/30/18 11:00 AM	0	137	575	123853

Injection Well Operations Information

		<u>Casing</u>	<u>Injection</u>	
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
6/30/18 11:30 AM	0	137	574	123853
6/30/18 12:00 PM	0	137	574	123853
6/30/18 12:30 PM	0	137	574	123853
6/30/18 1:00 PM	0	138	574	123853
6/30/18 1:30 PM	0	138	574	123853
6/30/18 2:00 PM	0	138	574	123853
6/30/18 2:30 PM	0	138	574	123853
6/30/18 3:00 PM	0	138	574	123853
6/30/18 3:30 PM	0	138	574	123853
6/30/18 4:00 PM	0	139	574	123853
6/30/18 4:30 PM	0	139	573	123853
6/30/18 5:00 PM	0	139	573	123853
6/30/18 5:30 PM	0	139	573	123853
6/30/18 6:00 PM	0	139	573	123853
6/30/18 6:30 PM	0	139	573	123853
6/30/18 7:00 PM	0	139	573	123853
6/30/18 7:30 PM	0	139	573	123853
6/30/18 8:00 PM	0	139	573	123853
6/30/18 8:30 PM	0	139	573	123853
6/30/18 9:00 PM	0	139	573	123853
6/30/18 9:30 PM	0	139	573	123853
6/30/18 10:00 PM	0	139	573	123853
6/30/18 10:30 PM	0	139	573	123853
6/30/18 11:00 PM	0	139	573	123853
6/30/18 11:30 PM	0	139	573	123853
7/1/18 12:00 AM	0	139	573	123853

April 19, 2019

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

UPS Tracker #: (NMOCD-Santa Fe)

RE: 1st Quarter 2019 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between January 1st, 2019 and March 31st, 2019, which includes the following:

- Attachment A: 2019 Quarterly Injection Well Table;
- Attachment B: Analytical summary of quarterly samples collected in March 2019;
- Attachment C: Copy of quarterly analytical report;
- Attachment D: Summary of Well Operational Logs

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or kelly.robinson@andeavor.com.

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

ATTACHMENT A

Quarterly Injection Well Report

TABLE 1

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL

P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT

DISCHARGE PERMIT UICI-011 (WDW #2)

U.L: H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2019	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	58,422	679,000	218,274	601	1,267	543	726	82	-5	42	28	23	25
FEB	0	789,000	210,252	563	1,424	601	760	114	-4	64	44	5	32
MAR	0	1,136,000	165,859	633	1,390	611	784	-2	119	62	34	20	25
APR													
MAY													
JUN													
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													

The total amount injected in 2019 is 594,384 gallons

CERTIFICATION: *Kelly Colman* DATE: 4-19-2019

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2018 Quarterly Analytical Summary

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter 3/29/2019
Volatile Organic Compounds (mg/L)				
D029	1,1-Dichloroethene	0.70	5	<0.70
D028	1,2-Dichloroethane (EDC)	0.50	10	<0.50
D027	1,4-Dichlorobenzene	7.5		<7.5
D035	2-Butanone (MEK)	200		<200
D018	Benzene	0.50	10	<0.50
D019	Carbon Tetrachloride	0.50	10	<0.50
D021	Chlorobenzene	100		<100
D022	Chloroform	6.0	100	<6.0
D033	Hexachlorobutadiene	0.50		<0.50
D039	Tetrachloroethene (PCE)	0.70	20	<0.70
D040	Trichloroethene (TCE)	0.50	100	<0.50
D043	Vinyl chloride	0.20	1	<0.20
Semi-Volatile Organic Compounds (mg/L)				
D027	1,4-Dichlorobenzene	7.5		<7.5
D041	2,4,5-Trichlorophenol	400		<400
D042	2,4,6-Trichlorophenol	2.0		<2.0
D030	2,4-Dinitrotoluene	0.13		<0.13
D023	2-Methylphenol (o-Cresol)	200		<200
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200
D032	Hexachlorobenzene	0.13		<0.13
D033	Hexachlorobutadiene	0.50		<0.50
D034	Hexachloroethane	3.0		<3.0
D036	Nitrobenzene	2.0		<2.0
D037	Pentachlorophenol	100		<100
D038	Pyridine	5.0		<5.0
General Chemistry (mg/L unless otherwise stated)				
	Specific Conductance (umhos/cm)			4500
	Bromide			4.2
	Chloride		250 *	1300
	Fluoride			<10
	Nitrate + Nitrite as N			<1.0
	Phosphorus, Orthophosphate (As P)			<5.0
	Sulfate		600 *	80
	Total Dissolved Solids		10,000	3350
	pH (pH Units)			6.72
	Bicarbonate (As CaCO3)			430.6
	Carbonate (As CaCO3)			<2.00
	Total Alkalinity (as CaCO3)			430.6
	Oxidation-Reduction Potential (mV)			-45
	Specific Gravity			1.001
Total Metals (mg/L)				
D004	Arsenic	5.0		< 5.0
D005	Barium	100		< 100
D006	Cadmium	1.0		< 1.0
D007	Chromium	5.0		< 5.0
D008	Lead	5.0		< 5.0
D010	Selenium	1.0		<1.0
D011	Silver	5.0		<5.0
D009	Mercury	0.2	0.002	<0.020
Dissolved Metals (mg/L)				
	Calcium		0.01	110
	Magnesium			42
	Potassium			<20
	Sodium			790
Ignitability, Corrosivity, and Reactivity				
D003	Reactive Cyanide (mg/L)			<0.0050
D003	Reactive Sulfide (mg/L)			<0.050
D001	Ignitability (°F)	< 140° F		>170
D002	Corrosivity (pH Units)	< 2 or > 12.5	6-9	6.7
Pesticides (mg/L)				
	Chlordane	0.03		<0.030
Field Parameters				
	Temperature (°F)			65.5

Notes:

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

APPENDIX C

Analytical Laboratory Report



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

April 18, 2019

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX

RE: Injection Well 2 - 1Q2019

OrderNo.: 1904002

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/30/2019 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 1904002

Date Reported: 4/18/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 - 1Q2019

Collection Date: 3/29/2019 12:00:00 PM

Lab ID: 1904002-001

Matrix: AQUEOUS

Received Date: 3/30/2019 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES TCLP							Analyst: JME
Chlordane	ND	0.030		mg/L	1	4/16/2019 12:47:01 PM	43999
Surr: Decachlorobiphenyl	76.8	29.4-99.8		%Rec	1	4/16/2019 12:47:01 PM	43999
Surr: Tetrachloro-m-xylene	66.0	20.7-100		%Rec	1	4/16/2019 12:47:01 PM	43999
EPA METHOD 8270C TCLP							Analyst: JDC
2-Methylphenol	ND	200		mg/L	1	4/15/2019 5:31:16 PM	44141
3+4-Methylphenol	ND	200		mg/L	1	4/15/2019 5:31:16 PM	44141
2,4-Dinitrotoluene	ND	0.13		mg/L	1	4/15/2019 5:31:16 PM	44141
Hexachlorobenzene	ND	0.13		mg/L	1	4/15/2019 5:31:16 PM	44141
Hexachlorobutadiene	ND	0.50		mg/L	1	4/15/2019 5:31:16 PM	44141
Hexachloroethane	ND	3.0		mg/L	1	4/15/2019 5:31:16 PM	44141
Nitrobenzene	ND	2.0		mg/L	1	4/15/2019 5:31:16 PM	44141
Pentachlorophenol	ND	100		mg/L	1	4/15/2019 5:31:16 PM	44141
Pyridine	ND	5.0		mg/L	1	4/15/2019 5:31:16 PM	44141
2,4,5-Trichlorophenol	ND	400		mg/L	1	4/15/2019 5:31:16 PM	44141
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	4/15/2019 5:31:16 PM	44141
Cresols, Total	ND	200		mg/L	1	4/15/2019 5:31:16 PM	44141
Surr: 2-Fluorophenol	47.5	15-82.5		%Rec	1	4/15/2019 5:31:16 PM	44141
Surr: Phenol-d5	41.8	15-74.2		%Rec	1	4/15/2019 5:31:16 PM	44141
Surr: 2,4,6-Tribromophenol	68.5	18.6-118		%Rec	1	4/15/2019 5:31:16 PM	44141
Surr: Nitrobenzene-d5	66.2	30.4-106		%Rec	1	4/15/2019 5:31:16 PM	44141
Surr: 2-Fluorobiphenyl	54.6	15-104		%Rec	1	4/15/2019 5:31:16 PM	44141
Surr: 4-Terphenyl-d14	50.5	15-133		%Rec	1	4/15/2019 5:31:16 PM	44141
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	1.001	0			1	4/3/2019 10:28:00 AM	R58847
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	10		mg/L	100	4/2/2019 2:05:50 PM	R58843
Chloride	1300	50	*	mg/L	100	4/2/2019 2:05:50 PM	R58843
Bromide	4.2	1.0		mg/L	10	4/2/2019 1:53:26 PM	R58843
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	4/2/2019 1:53:26 PM	R58843
Sulfate	80	5.0		mg/L	10	4/2/2019 1:53:26 PM	R58843
Nitrate+Nitrite as N	ND	1.0		mg/L	5	4/2/2019 6:38:49 PM	R58843
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	4500	5.0		µmhos/c	1	4/3/2019 8:29:31 PM	R58867
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO3)	430.6	20.00		mg/L Ca	1	4/4/2019 2:17:08 PM	R58958
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	4/4/2019 2:17:08 PM	R58958
Total Alkalinity (as CaCO3)	430.6	20.00		mg/L Ca	1	4/4/2019 2:17:08 PM	R58958

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- H Holding times for preparation or analysis exceeded
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at test code

Analytical Report

Lab Order 1904002

Date Reported: 4/18/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well WD#2

Project: Injection Well 2 - 1Q2019

Collection Date: 3/29/2019 12:00:00 PM

Lab ID: 1904002-001

Matrix: AQUEOUS

Received Date: 3/30/2019 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	3350	200	*D	mg/L	1	4/5/2019 12:59:00 PM	44069
SM4500-H+B / 9040C: PH							Analyst: JRR
pH	6.72		H	pH units	1	4/3/2019 8:29:31 PM	R58867
EPA METHOD 7470: MERCURY							Analyst: pmf
Mercury	ND	0.020		mg/L	1	4/5/2019 12:11:57 PM	44137
EPA METHOD 6010B: DISSOLVED METALS							Analyst: ELS
Calcium	110	20		mg/L	20	4/5/2019 10:53:07 AM	A58923
Magnesium	42	20		mg/L	20	4/5/2019 10:53:07 AM	A58923
Potassium	ND	20		mg/L	20	4/5/2019 10:53:07 AM	A58923
Sodium	790	20		mg/L	20	4/5/2019 10:53:07 AM	A58923
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: ELS
Arsenic	ND	5.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Barium	ND	100		mg/L	1	4/5/2019 10:56:59 AM	44090
Cadmium	ND	1.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Calcium	110	5.0		mg/L	5	4/5/2019 10:27:18 AM	44090
Chromium	ND	5.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Lead	ND	5.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Magnesium	44	1.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Potassium	14	1.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Selenium	ND	1.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Silver	ND	5.0		mg/L	1	4/5/2019 10:56:59 AM	44090
Sodium	830	10		mg/L	10	4/5/2019 11:02:16 AM	44090
TCLP VOLATILES BY 8260B							Analyst: DJF
Benzene	ND	0.50		mg/L	1	4/6/2019 9:17:27 AM	D58957
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/6/2019 9:17:27 AM	D58957
2-Butanone	ND	200		mg/L	1	4/6/2019 9:17:27 AM	D58957
Carbon Tetrachloride	ND	0.50		mg/L	1	4/6/2019 9:17:27 AM	D58957
Chloroform	ND	6.0		mg/L	1	4/6/2019 9:17:27 AM	D58957
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/6/2019 9:17:27 AM	D58957
1,1-Dichloroethene	ND	0.70		mg/L	1	4/6/2019 9:17:27 AM	D58957
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/6/2019 9:17:27 AM	D58957
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/6/2019 9:17:27 AM	D58957
Vinyl chloride	ND	0.20		mg/L	1	4/6/2019 9:17:27 AM	D58957
Chlorobenzene	ND	100		mg/L	1	4/6/2019 9:17:27 AM	D58957
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	4/6/2019 9:17:27 AM	D58957
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	4/6/2019 9:17:27 AM	D58957
Surr: Dibromofluoromethane	115	70-130		%Rec	1	4/6/2019 9:17:27 AM	D58957

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- H Holding times for preparation or analysis exceeded
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at test code

Analytical ReportLab Order **1904002**Date Reported: **4/18/2019****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Western Refining Southwest, Inc.**Client Sample ID:** Injection Well WD#2**Project:** Injection Well 2 - 1Q2019**Collection Date:** 3/29/2019 12:00:00 PM**Lab ID:** 1904002-001**Matrix:** AQUEOUS**Received Date:** 3/30/2019 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: DJF
Surr: Toluene-d8	96.8	70-130		%Rec	1	4/6/2019 9:17:27 AM	D58957

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- H Holding times for preparation or analysis exceeded
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at test code

1904002-001F INJECTION WELL WD#2

Collected date/time: 03/29/19 12:00

SAMPLE RESULTS - 01

L1084750

ONE LAB. NATIONWIDE



Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	-46.0	T.S	1	04/06/2019 11:25	WG1261694

Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	04/10/2019 10:21	WG1262511

Wet Chemistry by Method 4500H+ B-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Corrosivity by pH	6.70	T.S	1	04/02/2019 17:45	WG1259612

Sample Narrative:

L1084750-01 WG1259612: 6.7 at 15.3C

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	04/02/2019 18:37	WG1259638

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	04/05/2019 22:16	WG1261200



WG1261694

Wet Chemistry by Method 2190

QUALITY CONTROL SUMMARY

L1084750-01

ONE LAB NATIONWIDE



L1084750-01 Original Sample (OS) - Duplicate (DUP)

OS: L1084750-01 04/06/19 11:25 • (DUP) H3399056-2 04/06/19 11:25

Analyte	Original Result		DUP Result		Dilution	DUP STD		DUP Qualifier	DUP RPD	
	mv	uv	mv	uv		%	%		%	Units
ORP	192	191			1	0.522			20	

Laboratory Control Sample (LCS)

LCS1 H3399056-1 04/06/19 11:25

Analyte	Spiked Amount		LCS Result		LCS Rec.		Rec. Limits		LCS Qualifier	
	mv	uv	mv	uv	%	%	%	%		
ORP	228	228	228		100		95.7-104			

1 To
2 SS
3 Cn
4 St
5 Oc
6 Gl
7 Al
8 Sc

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG
L1084750DATE/TIME:
04/06/19 13:28

WG1262613

WRI Chemistry by Method 4500 CN E-2011

QUALITY CONTROL SUMMARY

L1084750-01

ONE LAB. NATIONWIDE

Method Blank (MB)

IMDI R3400146-1 04/10/19 09:49

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

L1084680-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1084500-01 04/10/19 10:03 • (DUP) R3400146-3 04/10/19 10:04

Analyte	Original Result mg/L	DUP Result mg/L	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	0.0000	1	0.0000		20

L1084750-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1084750-03 04/10/19 10:16 • (DUP) R3400146-5 04/10/19 10:17

Analyte	Original Result mg/L	DUP Result mg/L	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	0.0000	1	0.0000		20

Laboratory Control Sample (LCS)

(LCS) R3400146-2 04/10/19 09:50

Analyte	Spike Amount mg/L	LCS Result mg/L	LCS Rec. %	Rec. Limits %	LCS Qualifier
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Reactive Cyanide	0.100	0.029	100	85.0-115	
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L1084680-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1084680-02 04/10/19 10:05 • (MS) R3400146-4 04/10/19 10:06 • (MSD) R3400146-5 04/10/19 10:07

Analyte	Spike Amount mg/L	Duplicate Result mg/L	MS Result mg/L	MSD Result mg/L	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0002	0.0081	1	75.0-125			3.90	20

L1084750-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1084750-01 04/10/19 10:10 • (MS) R3400146-6 04/10/19 10:11 • (MSD) R3400146-7 04/10/19 10:14

Analyte	Spike Amount mg/L	Original Result mg/L	MS Result mg/L	MSD Result mg/L	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0055	0.0068	1	75.0-125			1.35	20

ACCOUNT:

Hill Environmental Analysis Laboratory

PROJECT:

SDS:

L1084750

DATE/TIME:

04/10/19 13:28



WG1259617

Wet Chemistry by Method 4500-H+ B-2011

QUALITY CONTROL SUMMARY

1002-7750-01

DUE LAB. MATERIALS

Laboratory Control Sample (LCS)

(LCS) R395774-1 C4/22/19 17:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Conductivity by pH	50	50.7	50.7	50.0-51.0	

Sample Narrative:

LCS-19.37 at 17.60



ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDS:
L10B4750

DATE/TIME:
04/09/19 13:28

WG1259688

Wat Chemistry by Method 9034-90308

QUALITY CONTROL SUMMARY

11034736-6

UPR LAB NATIONWIDE

Method Blank (MB)

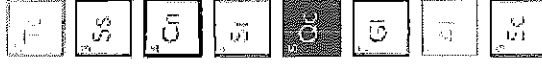
(MB) R3397727-1 04/02/19 18:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	0		0.000260	0.00300

Laboratory Control Sample (LCS)

(LCS) R3397727-2 04/02/19 18:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.475	95.2	85.0-105	



ACCOUNT:
Hill Environmental Analysis Laboratory

PROJECT:

SDS:
-CC64350

DATE/TIME:
04/02/19 13:28

WG1261310

Wet Chemistry by Method 8231C10A

QUALITY CONTROL SUMMARY

11084260-01

ONE LAB NATIONWIDE

L1038808-02 Original Sample (OS) - Duplicate (DUP)

JOS) L1084808-02 04/05/19 22:16 - (DUP) R3399058-2 04/05/19 22:16

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

L1065800-01 Original Sample (OS) - Duplicate (DUP)

JOS) L1085800-01 04/05/19 22:16 - (DUP) R3399058-3 04/05/19 22:16

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

Laboratory Control Sample (LCS)

JCS) R3399058-1 04/05/19 22:16

Analyte	Solve Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Flashpoint	deg F	deg F	%	%	
	82.0	81.5	99.5	90.0-92.4	

TC
SS
Ch
SI
SC
GI
AI
ASC

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
11084260DATE/TIME:
04/05/19 13:28

GLOSSARY OF TERMS

ONE LAB NATIONWIDE



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.

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
T0	Sample(s) received past/low close to holding time expiration.

T0

Ss

Cn

Sr

Qc

Cl

Al

Sc

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: MB	SampType: mbik	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R58843	RunNo: 58843								
Prep Date:	Analysis Date: 4/2/2019	SeqNo: 1977716 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R58843	RunNo: 58843								
Prep Date:	Analysis Date: 4/2/2019	SeqNo: 1977717 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.50	0.10	0.5000	0	99.9	90	110			
Chloride	4.8	0.50	5.000	0	96.8	90	110			
Bromide	2.4	0.10	2.500	0	96.7	90	110			
Phosphorus, Orthophosphate (As P)	4.8	0.50	5.000	0	96.5	90	110			
Sulfate	10	0.50	10.00	0	100	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	100	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - IQ2019

Sample ID: rb2	SampType: MBLK	TestCode: TCLP Volatiles by 8260B								
Client ID: PBW	Batch ID: D58957	RunNo: 58957								
Prep Date:	Analysis Date: 4/5/2019	SeqNo: 1983169 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	0.011		0.01000		106	70	130			
Surr: 4-Bromofluorobenzene	0.0095		0.01000		95.5	70	130			
Surr: Dibromofluoromethane	0.012		0.01000		116	70	130			
Surr: Toluene-d8	0.0099		0.01000		99.5	70	130			

Sample ID: 100ng lcs2	SampType: LCS		TestCode: TCLP Volatiles by 8260B							
Client ID: LCSW	Batch ID: D58957		RunNo: 58957							
Prep Date:	Analysis Date: 4/5/2019		SeqNo: 1983170		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	99.4	70	130			
1,1-Dichloroethene	0.020	0.010	0.02000	0	98.5	70	130			
Trichloroethene (TCE)	0.019	0.010	0.02000	0	92.9	70	130			
Chlorobenzene	0.019	0.010	0.02000	0	97.1	70	130			
Surr: 1,2-Dichloroethane-d4	0.0095		0.01000		95.0	70	130			
Surr: 4-Bromofluorobenzene	0.0087		0.01000		87.5	70	130			
Surr: Dibromofluoromethane	0.011		0.01000		111	70	130			
Surr: Toluene-d8	0.010		0.01000		101	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: 1904002-001Bms		SampType: MS		TestCode: EPA Method 8270C TCLP						
Client ID: Injection Well WD#2		Batch ID: 44141		RunNo: 59159						
Prep Date: 4/5/2019		Analysis Date: 4/15/2019		SeqNo: 1991569		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.063	0.010	0.1000	0	62.7	23.9	129			
3+4-Methylphenol	0.12	0.010	0.2000	0	58.0	15	167			
2,4-Dinitrotoluene	0.060	0.010	0.1000	0	59.5	15	147			
Hexachlorobenzene	0.059	0.010	0.1000	0	59.1	41.4	136			
Hexachlorobutadiene	0.035	0.010	0.1000	0	35.0	16.2	134			
Hexachloroethane	0.031	0.010	0.1000	0	31.4	20.6	124			
Nitrobenzene	0.064	0.010	0.1000	0	63.9	39.5	134			
Pentachlorophenol	0.056	0.010	0.1000	0	55.7	15	137			
Pyridine	ND	0.010	0.1000	0	0	15	129			S
2,4,5-Trichlorophenol	0.066	0.010	0.1000	0	66.3	15	158			
2,4,6-Trichlorophenol	0.067	0.010	0.1000	0	66.9	15	153			
Cresols, Total	0.18	0.010	0.3000	0.01346	55.1	10.6	179			
Surr: 2-Fluorophenol	0.093		0.2000		46.5	15	82.5			
Surr: Phenol-d5	0.078		0.2000		39.1	15	74.2			
Surr: 2,4,6-Tribromophenol	0.13		0.2000		67.3	18.6	118			
Surr: Nitrobenzene-d5	0.070		0.1000		69.6	30.4	106			
Surr: 2-Fluorobiphenyl	0.058		0.1000		58.4	15	104			
Surr: 4-Terphenyl-d14	0.052		0.1000		51.8	15	133			

Sample ID: 1904002-001Bmsd		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID: Injection Well WD#2		Batch ID: 44141		RunNo: 59159						
Prep Date: 4/5/2019		Analysis Date: 4/15/2019		SeqNo: 1991570		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.064	0.010	0.1000	0	63.8	23.9	129	1.74	20	
3+4-Methylphenol	0.11	0.010	0.2000	0	57.4	15	167	1.07	20	
2,4-Dinitrotoluene	0.054	0.010	0.1000	0	53.9	15	147	9.95	23.2	
Hexachlorobenzene	0.056	0.010	0.1000	0	55.5	41.4	136	6.25	20	
Hexachlorobutadiene	0.038	0.010	0.1000	0	37.9	16.2	134	7.90	20	
Hexachloroethane	0.035	0.010	0.1000	0	34.5	20.6	124	9.40	31.3	
Nitrobenzene	0.064	0.010	0.1000	0	63.7	39.5	134	0.282	26.6	
Pentachlorophenol	0.051	0.010	0.1000	0	51.4	15	137	8.11	27.9	
Pyridine	ND	0.010	0.1000	0	0	15	129	0	47.4	S
2,4,5-Trichlorophenol	0.060	0.010	0.1000	0	60.3	15	158	9.54	36.9	
2,4,6-Trichlorophenol	0.062	0.010	0.1000	0	62.2	15	153	7.25	37.2	
Cresols, Total	0.18	0.010	0.3000	0.01346	55.1	10.6	179	0.0783	27.4	
Surr: 2-Fluorophenol	0.094		0.2000		46.9	15	82.5	0	0	
Surr: Phenol-d5	0.078		0.2000		39.2	15	74.2	0	0	
Surr: 2,4,6-Tribromophenol	0.13		0.2000		64.3	18.6	118	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: 1904002-001Bmsd		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID: Injection Well WD#2		Batch ID: 44141		RunNo: 59159						
Prep Date: 4/5/2019		Analysis Date: 4/15/2019		SeqNo: 1991570		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.069		0.1000		68.6	30.4	106	0	0	
Surr: 2-Fluorobiphenyl	0.053		0.1000		52.6	15	104	0	0	
Surr: 4-Terphenyl-d14	0.045		0.1000		45.4	15	133	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: ics-1 99.0uS eC	SampType: LCS		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R58867		RunNo: 58867							
Prep Date:	Analysis Date: 4/3/2019		SeqNo: 1978677		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	99	5.0	99.00	0	100	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: MB-44137	SampType: MBLK	TestCode: EPA Method 7470: Mercury								
Client ID: PBW	Batch ID: 44137	RunNo: 58933								
Prep Date: 4/4/2019	Analysis Date: 4/5/2019	SeqNo: 1981797 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: LCS-44137	SampType: LCS	TestCode: EPA Method 7470: Mercury								
Client ID: LCSW	Batch ID: 44137	RunNo: 58933								
Prep Date: 4/4/2019	Analysis Date: 4/5/2019	SeqNo: 1981798 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0043	0.00020	0.005000	0	85.5	80	120			

Sample ID: LCSD-44137	SampType: LCSD	TestCode: EPA Method 7470: Mercury								
Client ID: LCSS02	Batch ID: 44137	RunNo: 58933								
Prep Date: 4/4/2019	Analysis Date: 4/5/2019	SeqNo: 1981844 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0050	0.00020	0.005000	0	99.7	80	120	15.3	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A58923	RunNo: 58923								
Prep Date:	Analysis Date: 4/5/2019	SeqNo: 1981510 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: A58923	RunNo: 58923								
Prep Date:	Analysis Date: 4/5/2019	SeqNo: 1981511 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	51	1.0	50.00	0	101	80	120			
Magnesium	50	1.0	50.00	0	100	80	120			
Potassium	49	1.0	50.00	0	98.2	80	120			
Sodium	50	1.0	50.00	0	99.6	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: 1904002-001EMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well WD#2	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981485 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.47	0.020	0.5000	0	94.3	75	125			
Barium	0.89	0.020	0.5000	0.4350	90.9	75	125			
Cadmium	0.52	0.0020	0.5000	0	103	75	125			
Chromium	0.50	0.0060	0.5000	0.002560	98.8	75	125			
Lead	0.51	0.0050	0.5000	0	101	75	125			
Magnesium	90	1.0	50.00	43.62	93.6	75	125			
Potassium	61	1.0	50.00	13.69	94.8	75	125			
Selenium	0.48	0.050	0.5000	0	96.1	75	125			
Silver	0.10	0.0050	0.1000	0.001008	101	75	125			

Sample ID: 1904002-001EMSD	SampType: MSD	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well WD#2	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981486 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.49	0.020	0.5000	0	98.1	75	125	3.99	20	
Barium	0.90	0.020	0.5000	0.4350	92.2	75	125	0.732	20	
Cadmium	0.53	0.0020	0.5000	0	105	75	125	1.90	20	
Chromium	0.50	0.0060	0.5000	0.002560	100	75	125	1.45	20	
Lead	0.51	0.0050	0.5000	0	102	75	125	0.955	20	
Magnesium	92	1.0	50.00	43.62	96.7	75	125	1.72	20	
Potassium	62	1.0	50.00	13.69	96.8	75	125	1.68	20	
Selenium	0.49	0.050	0.5000	0	98.5	75	125	2.46	20	
Silver	0.10	0.0050	0.1000	0.001008	101	75	125	0.323	20	

Sample ID: MB-44090	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981507 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.0050								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Selenium	ND	0.050								
Silver	ND	0.0050								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: MB-44090	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981507 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	ND	1.0								

Sample ID: LCS-44090	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981508 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.50	0.020	0.5000	0	100	80	120			
Barium	0.48	0.020	0.5000	0	97.0	80	120			
Cadmium	0.50	0.0020	0.5000	0	101	80	120			
Calcium	50	1.0	50.00	0	101	80	120			
Chromium	0.50	0.0060	0.5000	0	99.8	80	120			
Lead	0.50	0.0050	0.5000	0	101	80	120			
Magnesium	49	1.0	50.00	0	99.0	80	120			
Potassium	48	1.0	50.00	0	96.7	80	120			
Selenium	0.51	0.050	0.5000	0	102	80	120			
Silver	0.10	0.0050	0.1000	0	99.6	80	120			
Sodium	48	1.0	50.00	0	96.9	80	120			

Sample ID: 1904002-001EMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well WD#2	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981524 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	160	5.0	50.00	110.2	90.9	75	125			

Sample ID: 1904002-001EMSD	SampType: MSD	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well WD#2	Batch ID: 44090	RunNo: 58923								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981525 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	160	5.0	50.00	110.2	97.2	75	125	2.02	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: mb-1 alk	SampType: MBLK	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R58958	RunNo: 58958
Prep Date:	Analysis Date: 4/4/2019	SeqNo: 1983064 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: R58958	RunNo: 58958
Prep Date:	Analysis Date: 4/4/2019	SeqNo: 1983065 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	76.28	20.00 80.00 0 95.4 90 110

Sample ID: mb-2 alk	SampType: MBLK	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R58958	RunNo: 58958
Prep Date:	Analysis Date: 4/4/2019	SeqNo: 1983094 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: R58958	RunNo: 58958
Prep Date:	Analysis Date: 4/4/2019	SeqNo: 1983095 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	77.28	20.00 80.00 0 96.6 90 110

Qualifiers:

* Value exceeds Maximum Contaminant Level.
H Holding times for preparation or analysis exceeded
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

E Value above quantitation range
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1904002

18-Apr-19

Client: Western Refining Southwest, Inc.

Project: Injection Well 2 - 1Q2019

Sample ID: MB-44069	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 44069	RunNo: 58928								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981702			Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-44069	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 44069	RunNo: 58928								
Prep Date: 4/3/2019	Analysis Date: 4/5/2019	SeqNo: 1981703			Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode



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 Southw

Work Order Number: 1904002

RcpNo: 1

Received By: Anne Thorne

3/30/2019 9:20:00 AM

Completed By: Victoria Zeller

4/1/2019 8:16:36 AM

Reviewed By: EJM

4/1/19

Anne Thorne
Victoria Zeller

labeled by
DAD 4/1/19

Chain of Custody

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

Log in

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
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: 3, 2
(2 or > 2 unless noted)
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted? 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 ☐
Checked by: DAD 3/7 4/1/19 DAD 4/1/19

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	1.0	Good	Yes			
2	1.0	Good	Yes			
3	1.0	Good	Yes			

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- Eh;
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3); and,
- EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST			
EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

8081

**WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2**

**UICI-011 (WDW-2)
July 20, 2016**

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B 8260B	0.5
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A 8270D	2.0
D043	Vinyl chloride	8021B 8260B	0.2

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used.

The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level.

If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
January 1st, 2019 – March 31st, 2019**

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/1/19 12:00 AM	0	68	609	105444
1/1/19 12:30 AM	0	68	609	105444
1/1/19 1:00 AM	0	69	609	105444
1/1/19 1:30 AM	0	69	609	105444
1/1/19 2:00 AM	0	69	608	105444
1/1/19 2:30 AM	0	69	608	105444
1/1/19 3:00 AM	0	69	608	105444
1/1/19 3:30 AM	0	70	607	105444
1/1/19 4:00 AM	0	70	607	105444
1/1/19 4:30 AM	0	70	607	105444
1/1/19 5:00 AM	0	70	607	105444
1/1/19 5:30 AM	0	70	606	105444
1/1/19 6:00 AM	0	70	606	105444
1/1/19 6:30 AM	0	70	606	105444
1/1/19 7:00 AM	0	70	606	105444
1/1/19 7:30 AM	0	70	605	105444
1/1/19 8:00 AM	0	70	605	105444
1/1/19 8:30 AM	0	70	605	105444
1/1/19 9:00 AM	0	70	604	105444
1/1/19 9:30 AM	0	70	604	105444
1/1/19 10:00 AM	0	70	604	105444
1/1/19 10:30 AM	0	71	604	105444
1/1/19 11:00 AM	0	71	604	105444
1/1/19 11:30 AM	0	71	603	105444
1/1/19 12:00 PM	0	71	603	105444
1/1/19 12:30 PM	0	72	603	105444
1/1/19 1:00 PM	0	72	603	105444
1/1/19 1:30 PM	0	72	602	105444
1/1/19 2:00 PM	0	72	602	105444
1/1/19 2:30 PM	0	73	601	105444
1/1/19 3:00 PM	0	73	601	105444
1/1/19 3:30 PM	0	73	601	105444
1/1/19 4:00 PM	0	74	601	105444
1/1/19 4:30 PM	0	74	601	105444
1/1/19 5:00 PM	0	74	600	105444
1/1/19 5:30 PM	0	74	600	105444
1/1/19 6:00 PM	0	73	600	105444
1/1/19 6:30 PM	0	73	600	105444
1/1/19 7:00 PM	0	72	599	105444
1/1/19 7:30 PM	0	72	599	105444
1/1/19 8:00 PM	0	71	599	105444
1/1/19 8:30 PM	0	70	599	105444
1/1/19 9:00 PM	0	69	599	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/1/19 9:30 PM	0	68	598	105444
1/1/19 10:00 PM	0	67	598	105444
1/1/19 10:30 PM	0	66	598	105444
1/1/19 11:00 PM	0	65	598	105444
1/1/19 11:30 PM	0	64	598	105444
1/2/19 12:00 AM	0	64	597	105444
1/2/19 12:30 AM	0	63	597	105444
1/2/19 1:00 AM	0	62	597	105444
1/2/19 1:30 AM	0	62	597	105444
1/2/19 2:00 AM	0	62	596	105444
1/2/19 2:30 AM	0	61	596	105444
1/2/19 3:00 AM	0	61	596	105444
1/2/19 3:30 AM	0	61	596	105444
1/2/19 4:00 AM	0	60	596	105444
1/2/19 4:30 AM	0	60	595	105444
1/2/19 5:00 AM	0	60	595	105444
1/2/19 5:30 AM	0	59	595	105444
1/2/19 6:00 AM	0	59	595	105444
1/2/19 6:30 AM	0	59	595	105444
1/2/19 7:00 AM	0	59	594	105444
1/2/19 7:30 AM	0	58	594	105444
1/2/19 8:00 AM	0	58	594	105444
1/2/19 8:30 AM	0	58	594	105444
1/2/19 9:00 AM	0	58	594	105444
1/2/19 9:30 AM	0	58	594	105444
1/2/19 10:00 AM	0	58	593	105444
1/2/19 10:30 AM	0	58	594	105444
1/2/19 11:00 AM	0	58	593	105444
1/2/19 11:30 AM	0	59	593	105444
1/2/19 12:00 PM	0	59	592	105444
1/2/19 12:30 PM	0	59	592	105444
1/2/19 1:00 PM	0	59	592	105444
1/2/19 1:30 PM	0	60	591	105444
1/2/19 2:00 PM	0	60	591	105444
1/2/19 2:30 PM	0	60	591	105444
1/2/19 3:00 PM	0	61	591	105444
1/2/19 3:30 PM	0	61	591	105444
1/2/19 4:00 PM	0	61	590	105444
1/2/19 4:30 PM	0	61	590	105444
1/2/19 5:00 PM	0	61	590	105444
1/2/19 5:30 PM	0	62	590	105444
1/2/19 6:00 PM	0	61	590	105444
1/2/19 6:30 PM	0	61	590	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/2/19 7:00 PM	0	60	590	105444
1/2/19 7:30 PM	0	60	590	105444
1/2/19 8:00 PM	0	59	589	105444
1/2/19 8:30 PM	0	59	589	105444
1/2/19 9:00 PM	0	58	589	105444
1/2/19 9:30 PM	0	57	589	105444
1/2/19 10:00 PM	0	57	589	105444
1/2/19 10:30 PM	0	56	588	105444
1/2/19 11:00 PM	0	55	588	105444
1/2/19 11:30 PM	0	55	588	105444
1/3/19 12:00 AM	0	54	588	105444
1/3/19 12:30 AM	0	53	588	105444
1/3/19 1:00 AM	0	53	588	105444
1/3/19 1:30 AM	0	52	588	105444
1/3/19 2:00 AM	0	52	587	105444
1/3/19 2:30 AM	0	51	587	105444
1/3/19 3:00 AM	0	51	587	105444
1/3/19 3:30 AM	0	50	587	105444
1/3/19 4:00 AM	0	50	587	105444
1/3/19 4:30 AM	0	49	587	105444
1/3/19 5:00 AM	0	49	586	105444
1/3/19 5:30 AM	0	48	586	105444
1/3/19 6:00 AM	0	48	586	105444
1/3/19 6:30 AM	0	48	586	105444
1/3/19 7:00 AM	0	47	586	105444
1/3/19 7:30 AM	0	47	586	105444
1/3/19 8:00 AM	0	47	585	105444
1/3/19 8:30 AM	0	46	585	105444
1/3/19 9:00 AM	0	46	586	105444
1/3/19 9:30 AM	0	46	586	105444
1/3/19 10:00 AM	0	46	585	105444
1/3/19 10:30 AM	0	46	585	105444
1/3/19 11:00 AM	0	47	585	105444
1/3/19 11:30 AM	0	47	584	105444
1/3/19 12:00 PM	0	47	584	105444
1/3/19 12:30 PM	0	47	584	105444
1/3/19 1:00 PM	0	48	584	105444
1/3/19 1:30 PM	0	48	584	105444
1/3/19 2:00 PM	0	48	583	105444
1/3/19 2:30 PM	0	48	583	105444
1/3/19 3:00 PM	0	49	583	105444
1/3/19 3:30 PM	0	49	583	105444
1/3/19 4:00 PM	0	49	583	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/3/19 4:30 PM	0	49	582	105444
1/3/19 5:00 PM	0	49	582	105444
1/3/19 5:30 PM	0	49	582	105444
1/3/19 6:00 PM	0	49	582	105444
1/3/19 6:30 PM	0	50	582	105444
1/3/19 7:00 PM	0	50	582	105444
1/3/19 7:30 PM	0	49	582	105444
1/3/19 8:00 PM	0	49	582	105444
1/3/19 8:30 PM	0	49	582	105444
1/3/19 9:00 PM	0	49	582	105444
1/3/19 9:30 PM	0	49	581	105444
1/3/19 10:00 PM	0	49	581	105444
1/3/19 10:30 PM	0	49	581	105444
1/3/19 11:00 PM	0	48	581	105444
1/3/19 11:30 PM	0	48	581	105444
1/4/19 12:00 AM	0	48	581	105444
1/4/19 12:30 AM	0	48	581	105444
1/4/19 1:00 AM	0	48	580	105444
1/4/19 1:30 AM	0	47	580	105444
1/4/19 2:00 AM	0	47	580	105444
1/4/19 2:30 AM	0	47	580	105444
1/4/19 3:00 AM	0	47	580	105444
1/4/19 3:30 AM	0	47	580	105444
1/4/19 4:00 AM	0	47	580	105444
1/4/19 4:30 AM	0	46	580	105444
1/4/19 5:00 AM	0	46	579	105444
1/4/19 5:30 AM	0	46	579	105444
1/4/19 6:00 AM	0	46	579	105444
1/4/19 6:30 AM	0	46	579	105444
1/4/19 7:00 AM	0	46	579	105444
1/4/19 7:30 AM	0	45	579	105444
1/4/19 8:00 AM	0	45	579	105444
1/4/19 8:30 AM	0	45	579	105444
1/4/19 9:00 AM	0	45	579	105444
1/4/19 9:30 AM	0	45	579	105444
1/4/19 10:00 AM	0	45	578	105444
1/4/19 10:30 AM	0	46	578	105444
1/4/19 11:00 AM	0	46	578	105444
1/4/19 11:30 AM	0	46	578	105444
1/4/19 12:00 PM	0	46	578	105444
1/4/19 12:30 PM	0	46	578	105444
1/4/19 1:00 PM	0	47	577	105444
1/4/19 1:30 PM	0	47	577	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/4/19 2:00 PM	0	47	577	105444
1/4/19 2:30 PM	0	47	577	105444
1/4/19 3:00 PM	0	47	577	105444
1/4/19 3:30 PM	0	48	576	105444
1/4/19 4:00 PM	0	48	576	105444
1/4/19 4:30 PM	0	48	576	105444
1/4/19 5:00 PM	0	48	576	105444
1/4/19 5:30 PM	0	48	576	105444
1/4/19 6:00 PM	0	48	576	105444
1/4/19 6:30 PM	0	48	576	105444
1/4/19 7:00 PM	0	48	576	105444
1/4/19 7:30 PM	0	48	576	105444
1/4/19 8:00 PM	0	48	576	105444
1/4/19 8:30 PM	0	48	576	105444
1/4/19 9:00 PM	0	48	576	105444
1/4/19 9:30 PM	0	48	575	105444
1/4/19 10:00 PM	0	48	575	105444
1/4/19 10:30 PM	0	48	575	105444
1/4/19 11:00 PM	0	48	575	105444
1/4/19 11:30 PM	0	48	575	105444
1/5/19 12:00 AM	0	47	575	105444
1/5/19 12:30 AM	0	47	575	105444
1/5/19 1:00 AM	0	47	575	105444
1/5/19 1:30 AM	0	47	575	105444
1/5/19 2:00 AM	0	47	574	105444
1/5/19 2:30 AM	0	47	574	105444
1/5/19 3:00 AM	0	46	574	105444
1/5/19 3:30 AM	0	46	574	105444
1/5/19 4:00 AM	0	46	574	105444
1/5/19 4:30 AM	0	46	574	105444
1/5/19 5:00 AM	0	46	574	105444
1/5/19 5:30 AM	0	46	574	105444
1/5/19 6:00 AM	0	46	574	105444
1/5/19 6:30 AM	0	45	573	105444
1/5/19 7:00 AM	0	45	573	105444
1/5/19 7:30 AM	0	45	573	105444
1/5/19 8:00 AM	0	45	573	105444
1/5/19 8:30 AM	0	45	574	105444
1/5/19 9:00 AM	0	45	573	105444
1/5/19 9:30 AM	0	45	573	105444
1/5/19 10:00 AM	0	45	573	105444
1/5/19 10:30 AM	0	46	573	105444
1/5/19 11:00 AM	0	46	573	105444

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
1/5/19 11:30 AM	0	46	572	105444
1/5/19 12:00 PM	0	46	572	105444
1/5/19 12:30 PM	0	46	572	105444
1/5/19 1:00 PM	0	47	572	105444
1/5/19 1:30 PM	0	47	572	105444
1/5/19 2:00 PM	0	47	572	105444
1/5/19 2:30 PM	0	47	572	105444
1/5/19 3:00 PM	0	47	571	105444
1/5/19 3:30 PM	0	47	571	105444
1/5/19 4:00 PM	0	48	571	105444
1/5/19 4:30 PM	0	48	571	105444
1/5/19 5:00 PM	0	48	571	105444
1/5/19 5:30 PM	0	48	571	105444
1/5/19 6:00 PM	0	48	571	105444
1/5/19 6:30 PM	0	48	571	105444
1/5/19 7:00 PM	0	48	571	105444
1/5/19 7:30 PM	0	48	571	105444
1/5/19 8:00 PM	0	48	571	105444
1/5/19 8:30 PM	0	48	571	105444
1/5/19 9:00 PM	0	49	571	105444
1/5/19 9:30 PM	0	49	570	105444
1/5/19 10:00 PM	0	49	570	105444
1/5/19 10:30 PM	0	49	570	105444
1/5/19 11:00 PM	0	49	570	105444
1/5/19 11:30 PM	0	49	570	105444
1/6/19 12:00 AM	0	49	570	105444
1/6/19 12:30 AM	0	49	570	105444
1/6/19 1:00 AM	0	49	570	105444
1/6/19 1:30 AM	0	49	570	105444
1/6/19 2:00 AM	0	49	570	105444
1/6/19 2:30 AM	0	49	570	105444
1/6/19 3:00 AM	0	50	569	105444
1/6/19 3:30 AM	0	50	569	105444
1/6/19 4:00 AM	0	50	569	105444
1/6/19 4:30 AM	0	50	569	105444
1/6/19 5:00 AM	0	50	569	105444
1/6/19 5:30 AM	0	50	569	105444
1/6/19 6:00 AM	0	50	569	105444
1/6/19 6:30 AM	0	50	569	105444
1/6/19 7:00 AM	0	50	569	105444
1/6/19 7:30 AM	0	50	569	105444
1/6/19 8:00 AM	0	50	569	105444
1/6/19 8:30 AM	0	51	569	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/6/19 9:00 AM	0	51	569	105444
1/6/19 9:30 AM	0	51	568	105444
1/6/19 10:00 AM	0	51	568	105444
1/6/19 10:30 AM	0	51	568	105444
1/6/19 11:00 AM	0	51	568	105444
1/6/19 11:30 AM	0	51	568	105444
1/6/19 12:00 PM	0	51	568	105444
1/6/19 12:30 PM	0	51	568	105444
1/6/19 1:00 PM	0	52	568	105444
1/6/19 1:30 PM	0	52	568	105444
1/6/19 2:00 PM	0	52	568	105444
1/6/19 2:30 PM	0	52	568	105444
1/6/19 3:00 PM	0	52	567	105444
1/6/19 3:30 PM	0	52	567	105444
1/6/19 4:00 PM	0	52	567	105444
1/6/19 4:30 PM	0	52	567	105444
1/6/19 5:00 PM	0	53	567	105444
1/6/19 5:30 PM	0	53	567	105444
1/6/19 6:00 PM	0	53	567	105444
1/6/19 6:30 PM	0	53	567	105444
1/6/19 7:00 PM	0	53	567	105444
1/6/19 7:30 PM	0	53	567	105444
1/6/19 8:00 PM	0	53	567	105444
1/6/19 8:30 PM	0	53	567	105444
1/6/19 9:00 PM	0	53	566	105444
1/6/19 9:30 PM	0	53	566	105444
1/6/19 10:00 PM	0	53	566	105444
1/6/19 10:30 PM	0	53	566	105444
1/6/19 11:00 PM	0	53	566	105444
1/6/19 11:30 PM	0	53	566	105444
1/7/19 12:00 AM	0	53	566	105444
1/7/19 12:30 AM	0	53	566	105444
1/7/19 1:00 AM	0	53	566	105444
1/7/19 1:30 AM	0	53	566	105444
1/7/19 2:00 AM	0	53	566	105444
1/7/19 2:30 AM	0	53	566	105444
1/7/19 3:00 AM	0	53	565	105444
1/7/19 3:30 AM	0	53	565	105444
1/7/19 4:00 AM	0	53	565	105444
1/7/19 4:30 AM	0	54	565	105444
1/7/19 5:00 AM	0	54	565	105444
1/7/19 5:30 AM	0	54	565	105444
1/7/19 6:00 AM	0	54	565	105444

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/7/19 6:30 AM	0	54	565	105444
1/7/19 7:00 AM	0	54	565	105444
1/7/19 7:30 AM	0	54	565	105444
1/7/19 8:00 AM	0	54	565	105444
1/7/19 8:30 AM	0	54	565	105444
1/7/19 9:00 AM	0	54	564	105444
1/7/19 9:30 AM	0	54	564	105444
1/7/19 10:00 AM	0	54	564	105444
1/7/19 10:30 AM	0	54	564	105444
1/7/19 11:00 AM	0	54	564	105444
1/7/19 11:30 AM	0	55	564	105444
1/7/19 12:00 PM	0	55	564	105444
1/7/19 12:30 PM	0	55	564	105444
1/7/19 1:00 PM	0	55	564	105444
1/7/19 1:30 PM	0	55	564	105444
1/7/19 2:00 PM	0	55	563	105444
1/7/19 2:30 PM	0	55	563	105444
1/7/19 3:00 PM	0	55	563	105444
1/7/19 3:30 PM	0	56	563	105444
1/7/19 4:00 PM	0	56	563	105444
1/7/19 4:30 PM	0	56	563	105444
1/7/19 5:00 PM	0	56	563	105444
1/7/19 5:30 PM	0	56	563	105444
1/7/19 6:00 PM	0	56	563	105444
1/7/19 6:30 PM	0	56	563	105444
1/7/19 7:00 PM	0	56	563	105444
1/7/19 7:30 PM	0	56	563	105444
1/7/19 8:00 PM	0	56	563	105444
1/7/19 8:30 PM	0	56	563	105444
1/7/19 9:00 PM	0	56	563	105444
1/7/19 9:30 PM	0	56	562	105444
1/7/19 10:00 PM	0	56	562	105444
1/7/19 10:30 PM	0	56	562	105444
1/7/19 11:00 PM	0	56	562	105444
1/7/19 11:30 PM	0	56	562	105444
1/8/19 12:00 AM	0	56	562	105444
1/8/19 12:30 AM	0	55	562	105444
1/8/19 1:00 AM	0	55	562	105444
1/8/19 1:30 AM	0	55	562	105444
1/8/19 2:00 AM	0	55	562	105444
1/8/19 2:30 AM	0	55	562	105444
1/8/19 3:00 AM	0	55	562	105444
1/8/19 3:30 AM	0	55	562	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/8/19 4:00 AM	0	54	562	105444
1/8/19 4:30 AM	0	54	561	105444
1/8/19 5:00 AM	0	54	561	105444
1/8/19 5:30 AM	0	54	561	105444
1/8/19 6:00 AM	0	54	561	105444
1/8/19 6:30 AM	0	53	561	105444
1/8/19 7:00 AM	0	53	561	105444
1/8/19 7:30 AM	0	53	561	105444
1/8/19 8:00 AM	0	53	561	105444
1/8/19 8:30 AM	0	53	561	105444
1/8/19 9:00 AM	0	53	561	105444
1/8/19 9:30 AM	0	53	561	105444
1/8/19 10:00 AM	0	53	561	105444
1/8/19 10:30 AM	0	53	561	105444
1/8/19 11:00 AM	0	53	561	105444
1/8/19 11:30 AM	0	53	561	105444
1/8/19 12:00 PM	0	54	561	105444
1/8/19 12:30 PM	0	54	560	105444
1/8/19 1:00 PM	0	54	560	105444
1/8/19 1:30 PM	0	54	560	105444
1/8/19 2:00 PM	0	54	560	105444
1/8/19 2:30 PM	0	54	560	105444
1/8/19 3:00 PM	0	54	560	105444
1/8/19 3:30 PM	0	55	560	105444
1/8/19 4:00 PM	0	55	560	105444
1/8/19 4:30 PM	0	55	559	105444
1/8/19 5:00 PM	0	55	559	105444
1/8/19 5:30 PM	0	55	559	105444
1/8/19 6:00 PM	0	55	559	105444
1/8/19 6:30 PM	0	55	559	105444
1/8/19 7:00 PM	0	55	559	105444
1/8/19 7:30 PM	0	55	559	105444
1/8/19 8:00 PM	0	55	559	105444
1/8/19 8:30 PM	0	55	559	105444
1/8/19 9:00 PM	0	55	559	105444
1/8/19 9:30 PM	0	55	559	105444
1/8/19 10:00 PM	0	55	559	105444
1/8/19 10:30 PM	0	55	559	105444
1/8/19 11:00 PM	0	55	559	105444
1/8/19 11:30 PM	0	55	559	105444
1/9/19 12:00 AM	0	55	559	105444
1/9/19 12:30 AM	0	54	559	105444
1/9/19 1:00 AM	0	54	559	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/9/19 1:30 AM	0	54	559	105444
1/9/19 2:00 AM	0	54	559	105444
1/9/19 2:30 AM	0	54	559	105444
1/9/19 3:00 AM	0	54	559	105444
1/9/19 3:30 AM	0	54	559	105444
1/9/19 4:00 AM	0	54	558	105444
1/9/19 4:30 AM	0	54	558	105444
1/9/19 5:00 AM	0	54	558	105444
1/9/19 5:30 AM	0	54	558	105444
1/9/19 6:00 AM	0	54	558	105444
1/9/19 6:30 AM	0	54	558	105444
1/9/19 7:00 AM	0	54	558	105444
1/9/19 7:30 AM	0	53	558	105444
1/9/19 8:00 AM	0	53	558	105444
1/9/19 8:30 AM	0	53	558	105444
1/9/19 9:00 AM	0	53	558	105444
1/9/19 9:30 AM	0	53	558	105444
1/9/19 10:00 AM	0	54	558	105444
1/9/19 10:30 AM	0	54	558	105444
1/9/19 11:00 AM	0	54	558	105444
1/9/19 11:30 AM	0	54	558	105444
1/9/19 12:00 PM	0	54	558	105444
1/9/19 12:30 PM	0	54	557	105444
1/9/19 1:00 PM	0	54	557	105444
1/9/19 1:30 PM	0	54	557	105444
1/9/19 2:00 PM	0	55	557	105444
1/9/19 2:30 PM	0	55	557	105444
1/9/19 3:00 PM	0	55	557	105444
1/9/19 3:30 PM	0	55	557	105444
1/9/19 4:00 PM	0	55	557	105444
1/9/19 4:30 PM	0	55	557	105444
1/9/19 5:00 PM	0	55	557	105444
1/9/19 5:30 PM	0	55	557	105444
1/9/19 6:00 PM	0	55	557	105444
1/9/19 6:30 PM	0	55	557	105444
1/9/19 7:00 PM	0	55	557	105444
1/9/19 7:30 PM	0	55	557	105444
1/9/19 8:00 PM	0	55	557	105444
1/9/19 8:30 PM	0	55	556	105444
1/9/19 9:00 PM	0	55	556	105444
1/9/19 9:30 PM	0	55	557	105444
1/9/19 10:00 PM	0	55	556	105444
1/9/19 10:30 PM	0	55	556	105444

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/9/19 11:00 PM	0	55	556	105444
1/9/19 11:30 PM	0	55	556	105444
1/10/19 12:00 AM	0	55	556	105444
1/10/19 12:30 AM	0	55	556	105444
1/10/19 1:00 AM	0	55	556	105444
1/10/19 1:30 AM	0	55	556	105444
1/10/19 2:00 AM	0	55	556	105444
1/10/19 2:30 AM	0	55	556	105444
1/10/19 3:00 AM	0	55	556	105444
1/10/19 3:30 AM	0	55	556	105444
1/10/19 4:00 AM	0	55	556	105444
1/10/19 4:30 AM	0	55	556	105444
1/10/19 5:00 AM	0	55	555	105444
1/10/19 5:30 AM	0	55	555	105444
1/10/19 6:00 AM	0	55	555	105444
1/10/19 6:30 AM	0	55	555	105444
1/10/19 7:00 AM	0	54	555	105444
1/10/19 7:30 AM	0	54	555	105444
1/10/19 8:00 AM	0	54	555	105444
1/10/19 8:30 AM	0	54	556	105444
1/10/19 9:00 AM	0	54	555	105444
1/10/19 9:30 AM	0	54	555	105444
1/10/19 10:00 AM	0	54	555	105444
1/10/19 10:30 AM	0	55	555	105444
1/10/19 11:00 AM	0	55	555	105444
1/10/19 11:30 AM	0	55	555	105444
1/10/19 12:00 PM	0	55	555	105444
1/10/19 12:30 PM	0	55	555	105444
1/10/19 1:00 PM	0	55	554	105444
1/10/19 1:30 PM	0	55	554	105444
1/10/19 2:00 PM	0	55	554	105444
1/10/19 2:30 PM	0	55	554	105444
1/10/19 3:00 PM	0	55	554	105444
1/10/19 3:30 PM	0	55	554	105444
1/10/19 4:00 PM	0	56	554	105444
1/10/19 4:30 PM	0	56	554	105444
1/10/19 5:00 PM	0	56	554	105444
1/10/19 5:30 PM	0	56	554	105444
1/10/19 6:00 PM	0	56	554	105444
1/10/19 6:30 PM	0	56	554	105444
1/10/19 7:00 PM	0	56	554	105444
1/10/19 7:30 PM	0	56	554	105444
1/10/19 8:00 PM	0	56	554	105444

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/10/19 8:30 PM	0	56	554	105444
1/10/19 9:00 PM	0	56	554	105444
1/10/19 9:30 PM	0	56	554	105444
1/10/19 10:00 PM	0	56	554	105444
1/10/19 10:30 PM	0	56	554	105444
1/10/19 11:00 PM	0	56	554	105444
1/10/19 11:30 PM	0	56	554	105444
1/11/19 12:00 AM	0	56	554	105444
1/11/19 12:30 AM	0	56	553	105444
1/11/19 1:00 AM	0	56	553	105444
1/11/19 1:30 AM	0	56	553	105444
1/11/19 2:00 AM	0	56	553	105444
1/11/19 2:30 AM	0	56	553	105444
1/11/19 3:00 AM	0	56	553	105444
1/11/19 3:30 AM	0	56	553	105444
1/11/19 4:00 AM	0	56	553	105444
1/11/19 4:30 AM	0	56	553	105444
1/11/19 5:00 AM	0	56	553	105444
1/11/19 5:30 AM	0	56	553	105444
1/11/19 6:00 AM	0	56	553	105444
1/11/19 6:30 AM	0	56	553	105444
1/11/19 7:00 AM	0	56	553	105444
1/11/19 7:30 AM	0	56	553	105444
1/11/19 8:00 AM	0	56	553	105444
1/11/19 8:30 AM	0	56	553	105444
1/11/19 9:00 AM	0	56	553	105444
1/11/19 9:30 AM	0	56	553	105444
1/11/19 10:00 AM	0	56	553	105444
1/11/19 10:30 AM	0	56	553	105444
1/11/19 11:00 AM	0	56	552	105444
1/11/19 11:30 AM	0	56	553	105444
1/11/19 12:00 PM	0	56	552	105444
1/11/19 12:30 PM	0	57	552	105444
1/11/19 1:00 PM	0	57	552	105444
1/11/19 1:30 PM	0	57	552	105444
1/11/19 2:00 PM	0	57	552	105444
1/11/19 2:30 PM	0	57	552	105444
1/11/19 3:00 PM	0	57	552	105444
1/11/19 3:30 PM	0	57	552	105444
1/11/19 4:00 PM	0	57	552	105444
1/11/19 4:30 PM	0	57	552	105444
1/11/19 5:00 PM	0	57	552	105444
1/11/19 5:30 PM	0	57	551	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/11/19 6:00 PM	0	57	552	105444
1/11/19 6:30 PM	0	57	552	105444
1/11/19 7:00 PM	0	57	552	105444
1/11/19 7:30 PM	0	57	552	105444
1/11/19 8:00 PM	0	57	552	105444
1/11/19 8:30 PM	0	57	552	105444
1/11/19 9:00 PM	0	57	552	105444
1/11/19 9:30 PM	0	57	551	105444
1/11/19 10:00 PM	0	57	551	105444
1/11/19 10:30 PM	0	57	551	105444
1/11/19 11:00 PM	0	57	551	105444
1/11/19 11:30 PM	0	57	551	105444
1/12/19 12:00 AM	0	57	551	105444
1/12/19 12:30 AM	0	57	551	105444
1/12/19 1:00 AM	0	57	551	105444
1/12/19 1:30 AM	0	56	551	105444
1/12/19 2:00 AM	0	56	551	105444
1/12/19 2:30 AM	0	56	551	105444
1/12/19 3:00 AM	0	56	551	105444
1/12/19 3:30 AM	0	56	551	105444
1/12/19 4:00 AM	0	56	551	105444
1/12/19 4:30 AM	0	56	551	105444
1/12/19 5:00 AM	0	56	551	105444
1/12/19 5:30 AM	0	56	551	105444
1/12/19 6:00 AM	0	56	551	105444
1/12/19 6:30 AM	0	56	551	105444
1/12/19 7:00 AM	0	56	551	105444
1/12/19 7:30 AM	0	56	551	105444
1/12/19 8:00 AM	0	56	551	105444
1/12/19 8:30 AM	0	56	551	105444
1/12/19 9:00 AM	0	56	550	105444
1/12/19 9:30 AM	0	56	551	105444
1/12/19 10:00 AM	0	57	551	105444
1/12/19 10:30 AM	0	57	551	105444
1/12/19 11:00 AM	0	57	550	105444
1/12/19 11:30 AM	0	57	550	105444
1/12/19 12:00 PM	0	57	550	105444
1/12/19 12:30 PM	0	57	550	105444
1/12/19 1:00 PM	0	57	550	105444
1/12/19 1:30 PM	0	57	550	105444
1/12/19 2:00 PM	0	57	549	105444
1/12/19 2:30 PM	0	57	550	105444
1/12/19 3:00 PM	0	57	550	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/12/19 3:30 PM	0	57	549	105444
1/12/19 4:00 PM	0	57	549	105444
1/12/19 4:30 PM	0	57	549	105444
1/12/19 5:00 PM	0	58	549	105444
1/12/19 5:30 PM	0	58	549	105444
1/12/19 6:00 PM	0	58	549	105444
1/12/19 6:30 PM	0	58	549	105444
1/12/19 7:00 PM	0	58	549	105444
1/12/19 7:30 PM	0	58	549	105444
1/12/19 8:00 PM	0	58	549	105444
1/12/19 8:30 PM	0	58	549	105444
1/12/19 9:00 PM	0	57	549	105444
1/12/19 9:30 PM	0	57	549	105444
1/12/19 10:00 PM	0	57	549	105444
1/12/19 10:30 PM	0	57	549	105444
1/12/19 11:00 PM	0	57	549	105444
1/12/19 11:30 PM	0	57	549	105444
1/13/19 12:00 AM	0	57	549	105444
1/13/19 12:30 AM	0	57	549	105444
1/13/19 1:00 AM	0	57	549	105444
1/13/19 1:30 AM	0	57	549	105444
1/13/19 2:00 AM	0	56	549	105444
1/13/19 2:30 AM	0	56	549	105444
1/13/19 3:00 AM	0	56	549	105444
1/13/19 3:30 AM	0	56	549	105444
1/13/19 4:00 AM	0	56	549	105444
1/13/19 4:30 AM	0	56	549	105444
1/13/19 5:00 AM	0	56	549	105444
1/13/19 5:30 AM	0	56	549	105444
1/13/19 6:00 AM	0	56	549	105444
1/13/19 6:30 AM	0	56	549	105444
1/13/19 7:00 AM	0	56	549	105444
1/13/19 7:30 AM	0	56	548	105444
1/13/19 8:00 AM	0	56	548	105444
1/13/19 8:30 AM	0	56	548	105444
1/13/19 9:00 AM	0	56	548	105444
1/13/19 9:30 AM	0	56	548	105444
1/13/19 10:00 AM	0	56	548	105444
1/13/19 10:30 AM	0	56	548	105444
1/13/19 11:00 AM	0	56	548	105444
1/13/19 11:30 AM	0	56	548	105444
1/13/19 12:00 PM	0	56	548	105444
1/13/19 12:30 PM	0	56	548	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
1/13/19 1:00 PM	0	56	548	105444
1/13/19 1:30 PM	0	56	548	105444
1/13/19 2:00 PM	0	56	548	105444
1/13/19 2:30 PM	0	56	548	105444
1/13/19 3:00 PM	0	56	548	105444
1/13/19 3:30 PM	0	56	548	105444
1/13/19 4:00 PM	0	56	548	105444
1/13/19 4:30 PM	0	56	548	105444
1/13/19 5:00 PM	0	56	548	105444
1/13/19 5:30 PM	0	56	548	105444
1/13/19 6:00 PM	0	56	548	105444
1/13/19 6:30 PM	0	56	547	105444
1/13/19 7:00 PM	0	56	548	105444
1/13/19 7:30 PM	0	56	547	105444
1/13/19 8:00 PM	0	56	547	105444
1/13/19 8:30 PM	0	56	547	105444
1/13/19 9:00 PM	0	56	547	105444
1/13/19 9:30 PM	0	57	547	105444
1/13/19 10:00 PM	0	56	547	105444
1/13/19 10:30 PM	0	57	547	105444
1/13/19 11:00 PM	0	57	547	105444
1/13/19 11:30 PM	0	57	547	105444
1/14/19 12:00 AM	0	57	547	105444
1/14/19 12:30 AM	0	57	547	105444
1/14/19 1:00 AM	0	57	547	105444
1/14/19 1:30 AM	0	56	547	105444
1/14/19 2:00 AM	0	56	547	105444
1/14/19 2:30 AM	0	56	547	105444
1/14/19 3:00 AM	0	56	547	105444
1/14/19 3:30 AM	0	56	547	105444
1/14/19 4:00 AM	0	56	547	105444
1/14/19 4:30 AM	0	56	547	105444
1/14/19 5:00 AM	0	56	547	105444
1/14/19 5:30 AM	0	56	547	105444
1/14/19 6:00 AM	0	56	547	105444
1/14/19 6:30 AM	0	56	546	105444
1/14/19 7:00 AM	0	56	546	105444
1/14/19 7:30 AM	0	56	546	105444
1/14/19 8:00 AM	0	56	546	105444
1/14/19 8:30 AM	0	56	546	105444
1/14/19 9:00 AM	0	56	546	105444
1/14/19 9:30 AM	0	56	546	105444
1/14/19 10:00 AM	0	56	546	105444

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/14/19 10:30 AM	0	57	547	105444
1/14/19 11:00 AM	0	57	546	105444
1/14/19 11:30 AM	0	57	546	105444
1/14/19 12:00 PM	0	57	546	105444
1/14/19 12:30 PM	0	57	546	105444
1/14/19 1:00 PM	0	57	546	105444
1/14/19 1:30 PM	0	57	546	105444
1/14/19 2:00 PM	0	57	546	105444
1/14/19 2:30 PM	0	57	546	105444
1/14/19 3:00 PM	0	57	546	105444
1/14/19 3:30 PM	0	57	546	105444
1/14/19 4:00 PM	0	57	546	105444
1/14/19 4:30 PM	0	57	546	105444
1/14/19 5:00 PM	0	57	546	105444
1/14/19 5:30 PM	0	57	546	105444
1/14/19 6:00 PM	0	57	546	105444
1/14/19 6:30 PM	0	57	546	105444
1/14/19 7:00 PM	0	58	546	105444
1/14/19 7:30 PM	0	58	546	105444
1/14/19 8:00 PM	0	58	545	105444
1/14/19 8:30 PM	0	58	545	105444
1/14/19 9:00 PM	0	58	545	105444
1/14/19 9:30 PM	0	58	545	105444
1/14/19 10:00 PM	0	58	545	105444
1/14/19 10:30 PM	0	58	545	105444
1/14/19 11:00 PM	0	58	545	105444
1/14/19 11:30 PM	0	58	545	105444
1/15/19 12:00 AM	0	58	545	105444
1/15/19 12:30 AM	0	58	545	105444
1/15/19 1:00 AM	0	58	545	105444
1/15/19 1:30 AM	0	58	545	105444
1/15/19 2:00 AM	0	57	545	105444
1/15/19 2:30 AM	0	57	545	105444
1/15/19 3:00 AM	0	57	545	105444
1/15/19 3:30 AM	0	57	545	105444
1/15/19 4:00 AM	0	57	545	105444
1/15/19 4:30 AM	0	57	545	105444
1/15/19 5:00 AM	0	57	545	105444
1/15/19 5:30 AM	0	57	545	105444
1/15/19 6:00 AM	0	57	545	105444
1/15/19 6:30 AM	0	57	545	105444
1/15/19 7:00 AM	0	57	545	105444
1/15/19 7:30 AM	0	57	545	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/15/19 8:00 AM	0	57	545	105444
1/15/19 8:30 AM	0	57	545	105444
1/15/19 9:00 AM	0	57	545	105444
1/15/19 9:30 AM	0	57	545	105444
1/15/19 10:00 AM	0	57	545	105444
1/15/19 10:30 AM	0	57	545	105444
1/15/19 11:00 AM	0	57	545	105444
1/15/19 11:30 AM	0	57	544	105444
1/15/19 12:00 PM	0	57	544	105444
1/15/19 12:30 PM	0	57	544	105444
1/15/19 1:00 PM	0	57	544	105444
1/15/19 1:30 PM	0	57	544	105444
1/15/19 2:00 PM	0	57	544	105444
1/15/19 2:30 PM	0	57	544	105444
1/15/19 3:00 PM	0	57	544	105444
1/15/19 3:30 PM	0	57	544	105444
1/15/19 4:00 PM	0	58	544	105444
1/15/19 4:30 PM	0	58	544	105444
1/15/19 5:00 PM	0	58	544	105444
1/15/19 5:30 PM	0	58	544	105444
1/15/19 6:00 PM	0	58	544	105444
1/15/19 6:30 PM	0	58	544	105444
1/15/19 7:00 PM	0	58	544	105444
1/15/19 7:30 PM	0	58	544	105444
1/15/19 8:00 PM	0	58	544	105444
1/15/19 8:30 PM	0	58	544	105444
1/15/19 9:00 PM	0	58	544	105444
1/15/19 9:30 PM	0	58	544	105444
1/15/19 10:00 PM	0	58	544	105444
1/15/19 10:30 PM	0	58	544	105444
1/15/19 11:00 PM	0	58	544	105444
1/15/19 11:30 PM	0	58	544	105444
1/16/19 12:00 AM	0	58	544	105444
1/16/19 12:30 AM	0	58	544	105444
1/16/19 1:00 AM	0	58	544	105444
1/16/19 1:30 AM	0	58	544	105444
1/16/19 2:00 AM	0	58	543	105444
1/16/19 2:30 AM	0	58	543	105444
1/16/19 3:00 AM	0	58	543	105444
1/16/19 3:30 AM	0	58	543	105444
1/16/19 4:00 AM	0	58	543	105444
1/16/19 4:30 AM	0	58	543	105444
1/16/19 5:00 AM	0	58	543	105444

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/16/19 5:30 AM	0	58	543	105444
1/16/19 6:00 AM	0	58	543	105444
1/16/19 6:30 AM	0	58	543	105444
1/16/19 7:00 AM	0	58	543	105444
1/16/19 7:30 AM	0	58	543	105444
1/16/19 8:00 AM	0	58	543	105444
1/16/19 8:30 AM	28	2	735	105461
1/16/19 9:00 AM	28	Bad	774	105481
1/16/19 9:30 AM	28	Bad	798	105501
1/16/19 10:00 AM	28	Bad	814	105521
1/16/19 10:30 AM	27	Bad	827	105541
1/16/19 11:00 AM	27	Bad	838	105560
1/16/19 11:30 AM	28	Bad	849	105580
1/16/19 12:00 PM	27	Bad	858	105599
1/16/19 12:30 PM	28	-1	866	105618
1/16/19 1:00 PM	28	-2	875	105638
1/16/19 1:30 PM	27	-3	882	105657
1/16/19 2:00 PM	28	-3	888	105676
1/16/19 2:30 PM	26	-3	893	105696
1/16/19 3:00 PM	27	-4	898	105715
1/16/19 3:30 PM	26	-4	903	105734
1/16/19 4:00 PM	26	-4	908	105753
1/16/19 4:30 PM	27	-4	912	105772
1/16/19 5:00 PM	27	-4	917	105791
1/16/19 5:30 PM	27	-4	921	105810
1/16/19 6:00 PM	27	-4	925	105829
1/16/19 6:30 PM	26	-5	929	105849
1/16/19 7:00 PM	27	-5	933	105867
1/16/19 7:30 PM	26	-5	937	105886
1/16/19 8:00 PM	26	-5	941	105905
1/16/19 8:30 PM	27	-5	944	105924
1/16/19 9:00 PM	27	-5	948	105943
1/16/19 9:30 PM	27	-5	951	105962
1/16/19 10:00 PM	26	-5	955	105981
1/16/19 10:30 PM	26	-5	958	106000
1/16/19 11:00 PM	27	-5	960	106019
1/16/19 11:30 PM	26	-5	964	106038
1/17/19 12:00 AM	25	-5	966	106056
1/17/19 12:30 AM	26	-5	969	106075
1/17/19 1:00 AM	25	-5	972	106094
1/17/19 1:30 AM	27	-5	974	106113
1/17/19 2:00 AM	27	-5	977	106132
1/17/19 2:30 AM	27	-5	980	106150

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/17/19 3:00 AM	26	-5	982	106169
1/17/19 3:30 AM	27	-5	985	106188
1/17/19 4:00 AM	26	-5	988	106206
1/17/19 4:30 AM	26	-5	990	106225
1/17/19 5:00 AM	26	-5	992	106244
1/17/19 5:30 AM	26	-5	995	106262
1/17/19 6:00 AM	26	-5	997	106281
1/17/19 6:30 AM	26	-5	999	106300
1/17/19 7:00 AM	27	-5	1001	106318
1/17/19 7:30 AM	26	-5	1004	106337
1/17/19 8:00 AM	26	-5	1006	106355
1/17/19 8:30 AM	26	0	1009	106374
1/17/19 9:00 AM	26	-1	1011	106392
1/17/19 9:30 AM	26	-1	1013	106411
1/17/19 10:00 AM	26	-1	1015	106430
1/17/19 10:30 AM	25	-1	1018	106448
1/17/19 11:00 AM	25	-1	1020	106467
1/17/19 11:30 AM	26	-1	1022	106485
1/17/19 12:00 PM	26	-1	1025	106504
1/17/19 12:30 PM	27	-1	1027	106522
1/17/19 1:00 PM	25	-1	1029	106541
1/17/19 1:30 PM	27	-1	1031	106560
1/17/19 2:00 PM	25	-1	1033	106578
1/17/19 2:30 PM	25	-1	1035	106597
1/17/19 3:00 PM	26	-1	1037	106615
1/17/19 3:30 PM	27	-1	1039	106634
1/17/19 4:00 PM	27	-1	1041	106652
1/17/19 4:30 PM	25	-1	1044	106671
1/17/19 5:00 PM	27	-1	1046	106689
1/17/19 5:30 PM	27	-1	1048	106708
1/17/19 6:00 PM	26	-1	1050	106726
1/17/19 6:30 PM	26	-1	1052	106744
1/17/19 7:00 PM	26	-1	1053	106763
1/17/19 7:30 PM	26	-1	1055	106781
1/17/19 8:00 PM	26	-1	1057	106800
1/17/19 8:30 PM	25	-1	1059	106818
1/17/19 9:00 PM	25	-1	1061	106836
1/17/19 9:30 PM	25	-1	1063	106855
1/17/19 10:00 PM	25	-1	1064	106873
1/17/19 10:30 PM	26	-1	1066	106891
1/17/19 11:00 PM	25	-1	1068	106909
1/17/19 11:30 PM	25	-1	1070	106928
1/18/19 12:00 AM	25	-1	1072	106946

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/18/19 12:30 AM	25	-1	1074	106964
1/18/19 1:00 AM	26	-1	1076	106983
1/18/19 1:30 AM	26	-2	1078	107001
1/18/19 2:00 AM	26	-2	1080	107019
1/18/19 2:30 AM	26	-2	1082	107038
1/18/19 3:00 AM	25	-2	1084	107056
1/18/19 3:30 AM	26	-2	1085	107074
1/18/19 4:00 AM	26	-2	1087	107093
1/18/19 4:30 AM	26	-2	1088	107111
1/18/19 5:00 AM	25	-2	1090	107129
1/18/19 5:30 AM	25	-2	1092	107147
1/18/19 6:00 AM	25	-2	1093	107166
1/18/19 6:30 AM	25	-2	1095	107184
1/18/19 7:00 AM	26	-2	1097	107202
1/18/19 7:30 AM	24	-2	1098	107220
1/18/19 8:00 AM	25	-2	1100	107238
1/18/19 8:30 AM	25	-2	1102	107257
1/18/19 9:00 AM	25	-2	1105	107275
1/18/19 9:30 AM	25	-2	1106	107293
1/18/19 10:00 AM	26	-2	1108	107312
1/18/19 10:30 AM	25	-2	1110	107330
1/18/19 11:00 AM	25	-2	1111	107348
1/18/19 11:30 AM	26	-2	1113	107367
1/18/19 12:00 PM	26	-2	1115	107385
1/18/19 12:30 PM	25	-2	1116	107403
1/18/19 1:00 PM	26	-2	1118	107422
1/18/19 1:30 PM	25	-2	1120	107440
1/18/19 2:00 PM	25	-2	1121	107458
1/18/19 2:30 PM	25	-2	1123	107477
1/18/19 3:00 PM	26	-2	1124	107495
1/18/19 3:30 PM	25	-2	1126	107513
1/18/19 4:00 PM	27	-2	1127	107532
1/18/19 4:30 PM	26	-2	1129	107550
1/18/19 5:00 PM	25	-2	1130	107568
1/18/19 5:30 PM	25	-2	1132	107586
1/18/19 6:00 PM	26	-2	1134	107605
1/18/19 6:30 PM	25	-2	1135	107623
1/18/19 7:00 PM	25	-2	1136	107641
1/18/19 7:30 PM	26	-2	1138	107660
1/18/19 8:00 PM	24	-2	1139	107678
1/18/19 8:30 PM	26	-2	1141	107696
1/18/19 9:00 PM	24	-2	1142	107714
1/18/19 9:30 PM	25	-2	1144	107733

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
1/18/19 10:00 PM	25	-2	1145	107751
1/18/19 10:30 PM	25	-2	1147	107769
1/18/19 11:00 PM	26	-2	1148	107787
1/18/19 11:30 PM	26	-2	1149	107806
1/19/19 12:00 AM	25	-2	1150	107824
1/19/19 12:30 AM	25	-2	1151	107842
1/19/19 1:00 AM	27	-2	1153	107860
1/19/19 1:30 AM	25	-2	1154	107879
1/19/19 2:00 AM	26	-2	1155	107897
1/19/19 2:30 AM	26	-2	1156	107915
1/19/19 3:00 AM	26	-2	1157	107933
1/19/19 3:30 AM	26	-2	1159	107952
1/19/19 4:00 AM	26	-2	1160	107970
1/19/19 4:30 AM	26	-2	1161	107988
1/19/19 5:00 AM	26	-2	1163	108006
1/19/19 5:30 AM	25	-2	1164	108025
1/19/19 6:00 AM	25	-2	1164	108043
1/19/19 6:30 AM	25	-2	1163	108061
1/19/19 7:00 AM	26	-2	1164	108079
1/19/19 7:30 AM	25	-2	1165	108097
1/19/19 8:00 AM	24	-2	1166	108115
1/19/19 8:30 AM	26	-2	1167	108133
1/19/19 9:00 AM	25	-2	1169	108151
1/19/19 9:30 AM	24	-2	1170	108169
1/19/19 10:00 AM	25	-2	1170	108187
1/19/19 10:30 AM	25	-2	1171	108205
1/19/19 11:00 AM	26	-2	1172	108223
1/19/19 11:30 AM	24	-2	1173	108241
1/19/19 12:00 PM	25	-2	1174	108259
1/19/19 12:30 PM	24	-2	1175	108277
1/19/19 1:00 PM	25	-2	1176	108294
1/19/19 1:30 PM	23	-2	1177	108312
1/19/19 2:00 PM	23	-2	1178	108330
1/19/19 2:30 PM	25	-2	1179	108348
1/19/19 3:00 PM	24	-2	1180	108366
1/19/19 3:30 PM	26	-2	1181	108384
1/19/19 4:00 PM	24	-2	1182	108402
1/19/19 4:30 PM	25	-2	1183	108419
1/19/19 5:00 PM	24	-2	1184	108437
1/19/19 5:30 PM	24	-2	1185	108455
1/19/19 6:00 PM	24	-2	1187	108473
1/19/19 6:30 PM	26	-2	1188	108491
1/19/19 7:00 PM	26	-2	1189	108509

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/19/19 7:30 PM	26	-2	1189	108527
1/19/19 8:00 PM	26	-2	1190	108545
1/19/19 8:30 PM	24	-2	1191	108563
1/19/19 9:00 PM	25	-2	1192	108581
1/19/19 9:30 PM	25	-2	1193	108599
1/19/19 10:00 PM	25	-2	1194	108617
1/19/19 10:30 PM	25	-2	1195	108635
1/19/19 11:00 PM	25	-2	1196	108652
1/19/19 11:30 PM	26	-2	1197	108670
1/20/19 12:00 AM	25	-2	1198	108688
1/20/19 12:30 AM	26	-2	1199	108706
1/20/19 1:00 AM	25	-2	1200	108724
1/20/19 1:30 AM	26	-2	1201	108742
1/20/19 2:00 AM	26	-2	1202	108760
1/20/19 2:30 AM	24	-2	1202	108777
1/20/19 3:00 AM	24	-2	1203	108795
1/20/19 3:30 AM	26	-2	1203	108813
1/20/19 4:00 AM	24	-2	1203	108831
1/20/19 4:30 AM	25	-2	1205	108848
1/20/19 5:00 AM	26	-2	1206	108866
1/20/19 5:30 AM	26	-2	1206	108884
1/20/19 6:00 AM	24	-2	1207	108901
1/20/19 6:30 AM	25	-2	1208	108919
1/20/19 7:00 AM	25	-2	1209	108937
1/20/19 7:30 AM	25	-2	1210	108954
1/20/19 8:00 AM	26	-2	1211	108972
1/20/19 8:30 AM	24	-2	1212	108990
1/20/19 9:00 AM	24	-2	1212	109007
1/20/19 9:30 AM	25	-2	1213	109025
1/20/19 10:00 AM	24	-2	1214	109042
1/20/19 10:30 AM	23	-2	1215	109060
1/20/19 11:00 AM	25	-2	1215	109077
1/20/19 11:30 AM	24	-2	1216	109095
1/20/19 12:00 PM	25	-2	1217	109112
1/20/19 12:30 PM	25	-2	1218	109130
1/20/19 1:00 PM	25	-2	1219	109148
1/20/19 1:30 PM	25	-2	1219	109165
1/20/19 2:00 PM	24	-2	1220	109183
1/20/19 2:30 PM	24	-2	1221	109200
1/20/19 3:00 PM	24	-2	1222	109218
1/20/19 3:30 PM	24	-2	1223	109235
1/20/19 4:00 PM	24	-2	1223	109253
1/20/19 4:30 PM	24	-2	1225	109271

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/20/19 5:00 PM	26	-2	1226	109288
1/20/19 5:30 PM	24	-2	1227	109306
1/20/19 6:00 PM	24	-2	1227	109323
1/20/19 6:30 PM	25	-2	1228	109341
1/20/19 7:00 PM	25	-2	1229	109358
1/20/19 7:30 PM	25	-2	1230	109376
1/20/19 8:00 PM	25	-2	1231	109394
1/20/19 8:30 PM	26	-2	1231	109411
1/20/19 9:00 PM	25	-2	1232	109429
1/20/19 9:30 PM	25	-2	1232	109446
1/20/19 10:00 PM	25	-2	1233	109464
1/20/19 10:30 PM	25	-2	1234	109481
1/20/19 11:00 PM	24	-2	1234	109499
1/20/19 11:30 PM	24	-2	1235	109516
1/21/19 12:00 AM	25	-2	1236	109534
1/21/19 12:30 AM	24	-2	1237	109551
1/21/19 1:00 AM	24	-2	1237	109569
1/21/19 1:30 AM	24	-2	1238	109586
1/21/19 2:00 AM	24	-2	1237	109604
1/21/19 2:30 AM	24	-2	1238	109621
1/21/19 3:00 AM	24	-2	1239	109639
1/21/19 3:30 AM	24	-2	1239	109656
1/21/19 4:00 AM	23	-2	1240	109673
1/21/19 4:30 AM	25	-2	1240	109691
1/21/19 5:00 AM	23	-2	1241	109708
1/21/19 5:30 AM	24	-2	1242	109725
1/21/19 6:00 AM	23	-2	1243	109743
1/21/19 6:30 AM	24	-2	1243	109760
1/21/19 7:00 AM	25	-2	1244	109778
1/21/19 7:30 AM	24	-2	1244	109795
1/21/19 8:00 AM	24	-2	1245	109812
1/21/19 8:30 AM	25	-2	1245	109830
1/21/19 9:00 AM	24	-2	1246	109847
1/21/19 9:30 AM	25	-2	1246	109864
1/21/19 10:00 AM	25	-2	1247	109882
1/21/19 10:30 AM	24	-2	1247	109899
1/21/19 11:00 AM	25	-2	1248	109917
1/21/19 11:30 AM	24	-2	1248	109934
1/21/19 12:00 PM	24	-2	1248	109951
1/21/19 12:30 PM	24	-2	1249	109969
1/21/19 1:00 PM	24	-2	1250	109986
1/21/19 1:30 PM	24	-2	1250	110003
1/21/19 2:00 PM	23	-2	1250	110021

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/21/19 2:30 PM	25	-2	1251	110038
1/21/19 3:00 PM	25	-2	1252	110055
1/21/19 3:30 PM	25	-2	1252	110073
1/21/19 4:00 PM	24	-2	1253	110090
1/21/19 4:30 PM	24	-2	1254	110108
1/21/19 5:00 PM	23	-2	1254	110125
1/21/19 5:30 PM	25	-2	1255	110142
1/21/19 6:00 PM	24	-2	1255	110160
1/21/19 6:30 PM	25	-2	1255	110177
1/21/19 7:00 PM	23	-2	1256	110194
1/21/19 7:30 PM	23	-2	1256	110212
1/21/19 8:00 PM	23	-2	1257	110229
1/21/19 8:30 PM	25	-2	1258	110246
1/21/19 9:00 PM	25	-2	1258	110264
1/21/19 9:30 PM	25	-2	1258	110281
1/21/19 10:00 PM	24	-2	1258	110298
1/21/19 10:30 PM	23	-2	1258	110316
1/21/19 11:00 PM	24	-2	1259	110333
1/21/19 11:30 PM	25	-2	1259	110351
1/22/19 12:00 AM	25	-2	1260	110368
1/22/19 12:30 AM	24	-2	1261	110385
1/22/19 1:00 AM	26	-2	1261	110403
1/22/19 1:30 AM	23	-2	1262	110420
1/22/19 2:00 AM	24	-2	1262	110437
1/22/19 2:30 AM	24	-2	1263	110455
1/22/19 3:00 AM	23	-2	1263	110472
1/22/19 3:30 AM	24	-2	1263	110490
1/22/19 4:00 AM	26	-2	1264	110507
1/22/19 4:30 AM	24	-2	1264	110524
1/22/19 5:00 AM	23	-2	1265	110542
1/22/19 5:30 AM	24	-2	1265	110559
1/22/19 6:00 AM	25	-2	1265	110576
1/22/19 6:30 AM	25	-2	1266	110593
1/22/19 7:00 AM	23	-2	1267	110611
1/22/19 7:30 AM	24	-2	1267	110628
1/22/19 8:00 AM	0	-2	1151	110641
1/22/19 8:30 AM	0	-1	1074	110641
1/22/19 9:00 AM	0	-1	1047	110641
1/22/19 9:30 AM	0	0	1029	110641
1/22/19 10:00 AM	0	0	1015	110641
1/22/19 10:30 AM	0	1	1003	110641
1/22/19 11:00 AM	0	1	992	110641
1/22/19 11:30 AM	0	2	982	110641

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/22/19 12:00 PM	0	2	973	110641
1/22/19 12:30 PM	0	3	965	110641
1/22/19 1:00 PM	0	3	958	110641
1/22/19 1:30 PM	0	4	951	110641
1/22/19 2:00 PM	0	4	946	110641
1/22/19 2:30 PM	0	5	940	110641
1/22/19 3:00 PM	0	5	934	110641
1/22/19 3:30 PM	0	5	929	110641
1/22/19 4:00 PM	0	6	924	110641
1/22/19 4:30 PM	0	6	920	110641
1/22/19 5:00 PM	0	7	915	110641
1/22/19 5:30 PM	0	7	911	110641
1/22/19 6:00 PM	0	7	907	110641
1/22/19 6:30 PM	0	8	904	110641
1/22/19 7:00 PM	0	8	901	110641
1/22/19 7:30 PM	0	9	897	110641
1/22/19 8:00 PM	0	9	894	110641
1/22/19 8:30 PM	0	9	891	110641
1/22/19 9:00 PM	0	10	887	110641
1/22/19 9:30 PM	0	10	884	110641
1/22/19 10:00 PM	0	10	882	110641
1/22/19 10:30 PM	0	11	879	110641
1/22/19 11:00 PM	0	11	876	110641
1/22/19 11:30 PM	0	11	873	110641
1/23/19 12:00 AM	0	11	871	110641
1/23/19 12:30 AM	0	12	868	110641
1/23/19 1:00 AM	0	12	866	110641
1/23/19 1:30 AM	0	12	863	110641
1/23/19 2:00 AM	0	13	861	110641
1/23/19 2:30 AM	0	13	859	110641
1/23/19 3:00 AM	0	13	857	110641
1/23/19 3:30 AM	0	13	855	110641
1/23/19 4:00 AM	0	14	852	110641
1/23/19 4:30 AM	0	14	850	110641
1/23/19 5:00 AM	0	14	848	110641
1/23/19 5:30 AM	0	15	847	110641
1/23/19 6:00 AM	0	15	845	110641
1/23/19 6:30 AM	0	15	843	110641
1/23/19 7:00 AM	0	15	841	110641
1/23/19 7:30 AM	0	16	839	110641
1/23/19 8:00 AM	0	16	838	110641
1/23/19 8:30 AM	0	16	836	110641
1/23/19 9:00 AM	0	16	834	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/23/19 9:30 AM	0	17	833	110641
1/23/19 10:00 AM	0	17	831	110641
1/23/19 10:30 AM	0	17	829	110641
1/23/19 11:00 AM	0	18	828	110641
1/23/19 11:30 AM	0	18	826	110641
1/23/19 12:00 PM	0	18	824	110641
1/23/19 12:30 PM	0	18	823	110641
1/23/19 1:00 PM	0	19	821	110641
1/23/19 1:30 PM	0	19	820	110641
1/23/19 2:00 PM	0	19	819	110641
1/23/19 2:30 PM	0	19	817	110641
1/23/19 3:00 PM	0	20	816	110641
1/23/19 3:30 PM	0	20	814	110641
1/23/19 4:00 PM	0	20	813	110641
1/23/19 4:30 PM	0	20	812	110641
1/23/19 5:00 PM	0	21	810	110641
1/23/19 5:30 PM	0	21	809	110641
1/23/19 6:00 PM	0	21	808	110641
1/23/19 6:30 PM	0	21	807	110641
1/23/19 7:00 PM	0	22	806	110641
1/23/19 7:30 PM	0	22	805	110641
1/23/19 8:00 PM	0	22	803	110641
1/23/19 8:30 PM	0	22	802	110641
1/23/19 9:00 PM	0	23	801	110641
1/23/19 9:30 PM	0	23	800	110641
1/23/19 10:00 PM	0	23	799	110641
1/23/19 10:30 PM	0	23	798	110641
1/23/19 11:00 PM	0	24	797	110641
1/23/19 11:30 PM	0	24	795	110641
1/24/19 12:00 AM	0	24	794	110641
1/24/19 12:30 AM	0	24	793	110641
1/24/19 1:00 AM	0	24	792	110641
1/24/19 1:30 AM	0	25	791	110641
1/24/19 2:00 AM	0	25	790	110641
1/24/19 2:30 AM	0	25	789	110641
1/24/19 3:00 AM	0	25	788	110641
1/24/19 3:30 AM	0	25	787	110641
1/24/19 4:00 AM	0	26	786	110641
1/24/19 4:30 AM	0	26	785	110641
1/24/19 5:00 AM	0	26	784	110641
1/24/19 5:30 AM	0	26	784	110641
1/24/19 6:00 AM	0	27	783	110641
1/24/19 6:30 AM	0	27	782	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/24/19 7:00 AM	0	27	781	110641
1/24/19 7:30 AM	0	27	780	110641
1/24/19 8:00 AM	0	27	779	110641
1/24/19 8:30 AM	0	28	779	110641
1/24/19 9:00 AM	0	28	778	110641
1/24/19 9:30 AM	0	28	777	110641
1/24/19 10:00 AM	0	28	776	110641
1/24/19 10:30 AM	0	28	775	110641
1/24/19 11:00 AM	0	29	774	110641
1/24/19 11:30 AM	0	29	773	110641
1/24/19 12:00 PM	0	29	772	110641
1/24/19 12:30 PM	0	29	771	110641
1/24/19 1:00 PM	0	30	770	110641
1/24/19 1:30 PM	0	30	769	110641
1/24/19 2:00 PM	0	30	769	110641
1/24/19 2:30 PM	0	30	768	110641
1/24/19 3:00 PM	0	31	767	110641
1/24/19 3:30 PM	0	31	766	110641
1/24/19 4:00 PM	0	31	766	110641
1/24/19 4:30 PM	0	31	765	110641
1/24/19 5:00 PM	0	32	764	110641
1/24/19 5:30 PM	0	32	763	110641
1/24/19 6:00 PM	0	32	763	110641
1/24/19 6:30 PM	0	32	762	110641
1/24/19 7:00 PM	0	32	761	110641
1/24/19 7:30 PM	0	33	761	110641
1/24/19 8:00 PM	0	33	760	110641
1/24/19 8:30 PM	0	33	759	110641
1/24/19 9:00 PM	0	33	759	110641
1/24/19 9:30 PM	0	33	758	110641
1/24/19 10:00 PM	0	34	757	110641
1/24/19 10:30 PM	0	34	757	110641
1/24/19 11:00 PM	0	34	756	110641
1/24/19 11:30 PM	0	34	755	110641
1/25/19 12:00 AM	0	34	755	110641
1/25/19 12:30 AM	0	34	754	110641
1/25/19 1:00 AM	0	35	753	110641
1/25/19 1:30 AM	0	35	753	110641
1/25/19 2:00 AM	0	35	752	110641
1/25/19 2:30 AM	0	35	751	110641
1/25/19 3:00 AM	0	35	751	110641
1/25/19 3:30 AM	0	36	750	110641
1/25/19 4:00 AM	0	36	750	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/25/19 4:30 AM	0	36	749	110641
1/25/19 5:00 AM	0	36	748	110641
1/25/19 5:30 AM	0	36	748	110641
1/25/19 6:00 AM	0	36	747	110641
1/25/19 6:30 AM	0	37	747	110641
1/25/19 7:00 AM	0	37	746	110641
1/25/19 7:30 AM	0	37	745	110641
1/25/19 8:00 AM	0	37	745	110641
1/25/19 8:30 AM	0	37	745	110641
1/25/19 9:00 AM	0	37	744	110641
1/25/19 9:30 AM	0	38	743	110641
1/25/19 10:00 AM	0	38	743	110641
1/25/19 10:30 AM	0	38	742	110641
1/25/19 11:00 AM	0	38	741	110641
1/25/19 11:30 AM	0	38	741	110641
1/25/19 12:00 PM	0	39	740	110641
1/25/19 12:30 PM	0	39	739	110641
1/25/19 1:00 PM	0	39	739	110641
1/25/19 1:30 PM	0	39	738	110641
1/25/19 2:00 PM	0	40	738	110641
1/25/19 2:30 PM	0	40	737	110641
1/25/19 3:00 PM	0	40	737	110641
1/25/19 3:30 PM	0	40	736	110641
1/25/19 4:00 PM	0	40	736	110641
1/25/19 4:30 PM	0	41	735	110641
1/25/19 5:00 PM	0	41	735	110641
1/25/19 5:30 PM	0	41	734	110641
1/25/19 6:00 PM	0	41	734	110641
1/25/19 6:30 PM	0	41	733	110641
1/25/19 7:00 PM	0	42	733	110641
1/25/19 7:30 PM	0	42	732	110641
1/25/19 8:00 PM	0	42	732	110641
1/25/19 8:30 PM	0	42	731	110641
1/25/19 9:00 PM	0	42	731	110641
1/25/19 9:30 PM	0	42	730	110641
1/25/19 10:00 PM	0	43	730	110641
1/25/19 10:30 PM	0	43	729	110641
1/25/19 11:00 PM	0	43	729	110641
1/25/19 11:30 PM	0	43	728	110641
1/26/19 12:00 AM	0	43	728	110641
1/26/19 12:30 AM	0	43	728	110641
1/26/19 1:00 AM	0	44	727	110641
1/26/19 1:30 AM	0	44	727	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
1/26/19 2:00 AM	0	44	726	110641
1/26/19 2:30 AM	0	44	726	110641
1/26/19 3:00 AM	0	44	725	110641
1/26/19 3:30 AM	0	44	725	110641
1/26/19 4:00 AM	0	44	724	110641
1/26/19 4:30 AM	0	45	724	110641
1/26/19 5:00 AM	0	45	723	110641
1/26/19 5:30 AM	0	45	723	110641
1/26/19 6:00 AM	0	45	723	110641
1/26/19 6:30 AM	0	45	722	110641
1/26/19 7:00 AM	0	45	722	110641
1/26/19 7:30 AM	0	45	721	110641
1/26/19 8:00 AM	0	46	721	110641
1/26/19 8:30 AM	0	46	721	110641
1/26/19 9:00 AM	0	46	720	110641
1/26/19 9:30 AM	0	46	720	110641
1/26/19 10:00 AM	0	46	719	110641
1/26/19 10:30 AM	0	47	719	110641
1/26/19 11:00 AM	0	47	718	110641
1/26/19 11:30 AM	0	47	718	110641
1/26/19 12:00 PM	0	47	717	110641
1/26/19 12:30 PM	0	47	717	110641
1/26/19 1:00 PM	0	48	716	110641
1/26/19 1:30 PM	0	48	716	110641
1/26/19 2:00 PM	0	48	715	110641
1/26/19 2:30 PM	0	48	715	110641
1/26/19 3:00 PM	0	49	715	110641
1/26/19 3:30 PM	0	49	714	110641
1/26/19 4:00 PM	0	49	714	110641
1/26/19 4:30 PM	0	49	714	110641
1/26/19 5:00 PM	0	49	713	110641
1/26/19 5:30 PM	0	49	713	110641
1/26/19 6:00 PM	0	50	712	110641
1/26/19 6:30 PM	0	50	712	110641
1/26/19 7:00 PM	0	50	712	110641
1/26/19 7:30 PM	0	50	711	110641
1/26/19 8:00 PM	0	50	711	110641
1/26/19 8:30 PM	0	50	711	110641
1/26/19 9:00 PM	0	51	710	110641
1/26/19 9:30 PM	0	51	710	110641
1/26/19 10:00 PM	0	51	710	110641
1/26/19 10:30 PM	0	51	709	110641
1/26/19 11:00 PM	0	51	709	110641

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/26/19 11:30 PM	0	51	708	110641
1/27/19 12:00 AM	0	51	708	110641
1/27/19 12:30 AM	0	51	708	110641
1/27/19 1:00 AM	0	52	707	110641
1/27/19 1:30 AM	0	52	707	110641
1/27/19 2:00 AM	0	52	707	110641
1/27/19 2:30 AM	0	52	706	110641
1/27/19 3:00 AM	0	52	706	110641
1/27/19 3:30 AM	0	52	706	110641
1/27/19 4:00 AM	0	52	705	110641
1/27/19 4:30 AM	0	53	705	110641
1/27/19 5:00 AM	0	53	705	110641
1/27/19 5:30 AM	0	53	704	110641
1/27/19 6:00 AM	0	53	704	110641
1/27/19 6:30 AM	0	53	704	110641
1/27/19 7:00 AM	0	53	703	110641
1/27/19 7:30 AM	0	53	703	110641
1/27/19 8:00 AM	0	54	703	110641
1/27/19 8:30 AM	0	54	703	110641
1/27/19 9:00 AM	0	54	702	110641
1/27/19 9:30 AM	0	54	702	110641
1/27/19 10:00 AM	0	54	702	110641
1/27/19 10:30 AM	0	54	701	110641
1/27/19 11:00 AM	0	55	701	110641
1/27/19 11:30 AM	0	55	700	110641
1/27/19 12:00 PM	0	55	700	110641
1/27/19 12:30 PM	0	55	699	110641
1/27/19 1:00 PM	0	55	699	110641
1/27/19 1:30 PM	0	56	698	110641
1/27/19 2:00 PM	0	56	698	110641
1/27/19 2:30 PM	0	56	698	110641
1/27/19 3:00 PM	0	56	698	110641
1/27/19 3:30 PM	0	56	697	110641
1/27/19 4:00 PM	0	57	697	110641
1/27/19 4:30 PM	0	57	697	110641
1/27/19 5:00 PM	0	57	696	110641
1/27/19 5:30 PM	0	57	696	110641
1/27/19 6:00 PM	0	57	696	110641
1/27/19 6:30 PM	0	57	696	110641
1/27/19 7:00 PM	0	58	695	110641
1/27/19 7:30 PM	0	58	695	110641
1/27/19 8:00 PM	0	58	695	110641
1/27/19 8:30 PM	0	58	695	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/27/19 9:00 PM	0	58	694	110641
1/27/19 9:30 PM	0	58	694	110641
1/27/19 10:00 PM	0	58	694	110641
1/27/19 10:30 PM	0	58	693	110641
1/27/19 11:00 PM	0	59	693	110641
1/27/19 11:30 PM	0	59	693	110641
1/28/19 12:00 AM	0	59	693	110641
1/28/19 12:30 AM	0	59	692	110641
1/28/19 1:00 AM	0	59	692	110641
1/28/19 1:30 AM	0	59	692	110641
1/28/19 2:00 AM	0	59	691	110641
1/28/19 2:30 AM	0	59	691	110641
1/28/19 3:00 AM	0	59	691	110641
1/28/19 3:30 AM	0	60	690	110641
1/28/19 4:00 AM	0	60	690	110641
1/28/19 4:30 AM	0	60	690	110641
1/28/19 5:00 AM	0	60	690	110641
1/28/19 5:30 AM	0	60	689	110641
1/28/19 6:00 AM	0	60	689	110641
1/28/19 6:30 AM	0	60	689	110641
1/28/19 7:00 AM	0	60	689	110641
1/28/19 7:30 AM	0	60	688	110641
1/28/19 8:00 AM	0	61	688	110641
1/28/19 8:30 AM	0	61	688	110641
1/28/19 9:00 AM	0	61	688	110641
1/28/19 9:30 AM	0	61	687	110641
1/28/19 10:00 AM	0	61	687	110641
1/28/19 10:30 AM	0	62	687	110641
1/28/19 11:00 AM	0	62	686	110641
1/28/19 11:30 AM	0	62	686	110641
1/28/19 12:00 PM	0	62	686	110641
1/28/19 12:30 PM	0	62	685	110641
1/28/19 1:00 PM	0	62	685	110641
1/28/19 1:30 PM	0	63	685	110641
1/28/19 2:00 PM	0	63	684	110641
1/28/19 2:30 PM	0	63	684	110641
1/28/19 3:00 PM	0	63	684	110641
1/28/19 3:30 PM	0	63	684	110641
1/28/19 4:00 PM	0	64	683	110641
1/28/19 4:30 PM	0	64	683	110641
1/28/19 5:00 PM	0	64	683	110641
1/28/19 5:30 PM	0	64	683	110641
1/28/19 6:00 PM	0	64	682	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/28/19 6:30 PM	0	64	682	110641
1/28/19 7:00 PM	0	64	682	110641
1/28/19 7:30 PM	0	64	682	110641
1/28/19 8:00 PM	0	65	681	110641
1/28/19 8:30 PM	0	65	681	110641
1/28/19 9:00 PM	0	65	681	110641
1/28/19 9:30 PM	0	65	681	110641
1/28/19 10:00 PM	0	65	681	110641
1/28/19 10:30 PM	0	65	680	110641
1/28/19 11:00 PM	0	65	680	110641
1/28/19 11:30 PM	0	65	680	110641
1/29/19 12:00 AM	0	66	680	110641
1/29/19 12:30 AM	0	66	679	110641
1/29/19 1:00 AM	0	66	679	110641
1/29/19 1:30 AM	0	66	679	110641
1/29/19 2:00 AM	0	66	679	110641
1/29/19 2:30 AM	0	66	678	110641
1/29/19 3:00 AM	0	66	678	110641
1/29/19 3:30 AM	0	66	678	110641
1/29/19 4:00 AM	0	66	678	110641
1/29/19 4:30 AM	0	66	677	110641
1/29/19 5:00 AM	0	67	677	110641
1/29/19 5:30 AM	0	67	677	110641
1/29/19 6:00 AM	0	67	677	110641
1/29/19 6:30 AM	0	67	676	110641
1/29/19 7:00 AM	0	67	676	110641
1/29/19 7:30 AM	0	67	676	110641
1/29/19 8:00 AM	0	67	676	110641
1/29/19 8:30 AM	0	67	676	110641
1/29/19 9:00 AM	0	67	675	110641
1/29/19 9:30 AM	0	67	675	110641
1/29/19 10:00 AM	0	68	675	110641
1/29/19 10:30 AM	0	68	675	110641
1/29/19 11:00 AM	0	68	675	110641
1/29/19 11:30 AM	0	68	674	110641
1/29/19 12:00 PM	0	68	674	110641
1/29/19 12:30 PM	0	68	674	110641
1/29/19 1:00 PM	0	69	674	110641
1/29/19 1:30 PM	0	69	673	110641
1/29/19 2:00 PM	0	69	673	110641
1/29/19 2:30 PM	0	69	672	110641
1/29/19 3:00 PM	0	69	672	110641
1/29/19 3:30 PM	0	70	672	110641

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/29/19 4:00 PM	0	70	672	110641
1/29/19 4:30 PM	0	70	672	110641
1/29/19 5:00 PM	0	70	671	110641
1/29/19 5:30 PM	0	70	671	110641
1/29/19 6:00 PM	0	70	671	110641
1/29/19 6:30 PM	0	70	671	110641
1/29/19 7:00 PM	0	71	671	110641
1/29/19 7:30 PM	0	71	670	110641
1/29/19 8:00 PM	0	71	670	110641
1/29/19 8:30 PM	0	71	670	110641
1/29/19 9:00 PM	0	71	670	110641
1/29/19 9:30 PM	0	71	670	110641
1/29/19 10:00 PM	0	71	669	110641
1/29/19 10:30 PM	0	71	669	110641
1/29/19 11:00 PM	0	71	669	110641
1/29/19 11:30 PM	0	71	669	110641
1/30/19 12:00 AM	0	71	669	110641
1/30/19 12:30 AM	0	71	668	110641
1/30/19 1:00 AM	0	72	668	110641
1/30/19 1:30 AM	0	72	668	110641
1/30/19 2:00 AM	0	72	668	110641
1/30/19 2:30 AM	0	72	668	110641
1/30/19 3:00 AM	0	72	667	110641
1/30/19 3:30 AM	0	72	667	110641
1/30/19 4:00 AM	0	72	667	110641
1/30/19 4:30 AM	0	72	667	110641
1/30/19 5:00 AM	0	72	667	110641
1/30/19 5:30 AM	0	72	666	110641
1/30/19 6:00 AM	0	72	666	110641
1/30/19 6:30 AM	0	72	666	110641
1/30/19 7:00 AM	0	72	666	110641
1/30/19 7:30 AM	0	73	666	110641
1/30/19 8:00 AM	0	73	666	110641
1/30/19 8:30 AM	0	73	666	110641
1/30/19 9:00 AM	0	73	665	110641
1/30/19 9:30 AM	0	73	665	110641
1/30/19 10:00 AM	0	73	665	110641
1/30/19 10:30 AM	0	73	665	110641
1/30/19 11:00 AM	0	74	664	110641
1/30/19 11:30 AM	0	74	664	110641
1/30/19 12:00 PM	0	74	664	110641
1/30/19 12:30 PM	0	74	663	110641
1/30/19 1:00 PM	0	74	663	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
1/30/19 1:30 PM	0	75	663	110641
1/30/19 2:00 PM	0	75	663	110641
1/30/19 2:30 PM	0	75	662	110641
1/30/19 3:00 PM	0	75	662	110641
1/30/19 3:30 PM	0	75	662	110641
1/30/19 4:00 PM	0	76	662	110641
1/30/19 4:30 PM	0	76	662	110641
1/30/19 5:00 PM	0	76	661	110641
1/30/19 5:30 PM	0	76	661	110641
1/30/19 6:00 PM	0	76	661	110641
1/30/19 6:30 PM	0	76	661	110641
1/30/19 7:00 PM	0	76	661	110641
1/30/19 7:30 PM	0	76	661	110641
1/30/19 8:00 PM	0	76	661	110641
1/30/19 8:30 PM	0	76	660	110641
1/30/19 9:00 PM	0	77	660	110641
1/30/19 9:30 PM	0	77	660	110641
1/30/19 10:00 PM	0	77	660	110641
1/30/19 10:30 PM	0	77	660	110641
1/30/19 11:00 PM	0	77	660	110641
1/30/19 11:30 PM	0	77	659	110641
1/31/19 12:00 AM	0	77	659	110641
1/31/19 12:30 AM	0	77	659	110641
1/31/19 1:00 AM	0	77	659	110641
1/31/19 1:30 AM	0	77	659	110641
1/31/19 2:00 AM	0	77	659	110641
1/31/19 2:30 AM	0	77	658	110641
1/31/19 3:00 AM	0	77	658	110641
1/31/19 3:30 AM	0	77	658	110641
1/31/19 4:00 AM	0	77	658	110641
1/31/19 4:30 AM	0	77	658	110641
1/31/19 5:00 AM	0	77	658	110641
1/31/19 5:30 AM	0	78	657	110641
1/31/19 6:00 AM	0	78	657	110641
1/31/19 6:30 AM	0	78	657	110641
1/31/19 7:00 AM	0	78	657	110641
1/31/19 7:30 AM	0	78	657	110641
1/31/19 8:00 AM	0	78	657	110641
1/31/19 8:30 AM	0	78	657	110641
1/31/19 9:00 AM	0	78	656	110641
1/31/19 9:30 AM	0	78	656	110641
1/31/19 10:00 AM	0	78	656	110641
1/31/19 10:30 AM	0	79	656	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
1/31/19 11:00 AM	0	79	656	110641
1/31/19 11:30 AM	0	79	655	110641
1/31/19 12:00 PM	0	79	655	110641
1/31/19 12:30 PM	0	79	655	110641
1/31/19 1:00 PM	0	80	654	110641
1/31/19 1:30 PM	0	80	654	110641
1/31/19 2:00 PM	0	80	654	110641
1/31/19 2:30 PM	0	80	654	110641
1/31/19 3:00 PM	0	80	654	110641
1/31/19 3:30 PM	0	81	653	110641
1/31/19 4:00 PM	0	81	653	110641
1/31/19 4:30 PM	0	81	653	110641
1/31/19 5:00 PM	0	81	653	110641
1/31/19 5:30 PM	0	81	653	110641
1/31/19 6:00 PM	0	81	652	110641
1/31/19 6:30 PM	0	81	653	110641
1/31/19 7:00 PM	0	81	652	110641
1/31/19 7:30 PM	0	82	652	110641
1/31/19 8:00 PM	0	82	652	110641
1/31/19 8:30 PM	0	82	652	110641
1/31/19 9:00 PM	0	82	652	110641
1/31/19 9:30 PM	0	82	652	110641
1/31/19 10:00 PM	0	82	652	110641
1/31/19 10:30 PM	0	82	652	110641
1/31/19 11:00 PM	0	82	651	110641
1/31/19 11:30 PM	0	82	651	110641
2/1/19 12:00 AM	0	82	651	110641
2/1/19 12:30 AM	0	82	651	110641
2/1/19 1:00 AM	0	82	651	110641
2/1/19 1:30 AM	0	82	651	110641
2/1/19 2:00 AM	0	82	650	110641
2/1/19 2:30 AM	0	82	650	110641
2/1/19 3:00 AM	0	82	650	110641
2/1/19 3:30 AM	0	82	650	110641
2/1/19 4:00 AM	0	82	650	110641
2/1/19 4:30 AM	0	83	650	110641
2/1/19 5:00 AM	0	83	649	110641
2/1/19 5:30 AM	0	83	649	110641
2/1/19 6:00 AM	0	83	649	110641
2/1/19 6:30 AM	0	83	649	110641
2/1/19 7:00 AM	0	83	649	110641
2/1/19 7:30 AM	0	83	649	110641
2/1/19 8:00 AM	0	83	649	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/1/19 8:30 AM	0	83	649	110641
2/1/19 9:00 AM	0	83	649	110641
2/1/19 9:30 AM	0	83	648	110641
2/1/19 10:00 AM	0	84	648	110641
2/1/19 10:30 AM	0	84	648	110641
2/1/19 11:00 AM	0	84	648	110641
2/1/19 11:30 AM	0	84	648	110641
2/1/19 12:00 PM	0	84	647	110641
2/1/19 12:30 PM	0	84	647	110641
2/1/19 1:00 PM	0	85	647	110641
2/1/19 1:30 PM	0	85	647	110641
2/1/19 2:00 PM	0	85	646	110641
2/1/19 2:30 PM	0	85	646	110641
2/1/19 3:00 PM	0	85	646	110641
2/1/19 3:30 PM	0	85	646	110641
2/1/19 4:00 PM	0	86	646	110641
2/1/19 4:30 PM	0	86	646	110641
2/1/19 5:00 PM	0	86	645	110641
2/1/19 5:30 PM	0	86	645	110641
2/1/19 6:00 PM	0	86	645	110641
2/1/19 6:30 PM	0	86	645	110641
2/1/19 7:00 PM	0	86	645	110641
2/1/19 7:30 PM	0	86	645	110641
2/1/19 8:00 PM	0	86	645	110641
2/1/19 8:30 PM	0	86	645	110641
2/1/19 9:00 PM	0	87	645	110641
2/1/19 9:30 PM	0	87	644	110641
2/1/19 10:00 PM	0	87	644	110641
2/1/19 10:30 PM	0	87	644	110641
2/1/19 11:00 PM	0	87	644	110641
2/1/19 11:30 PM	0	87	644	110641
2/2/19 12:00 AM	0	87	644	110641
2/2/19 12:30 AM	0	87	644	110641
2/2/19 1:00 AM	0	87	644	110641
2/2/19 1:30 AM	0	87	643	110641
2/2/19 2:00 AM	0	87	643	110641
2/2/19 2:30 AM	0	87	643	110641
2/2/19 3:00 AM	0	87	643	110641
2/2/19 3:30 AM	0	87	643	110641
2/2/19 4:00 AM	0	87	643	110641
2/2/19 4:30 AM	0	87	643	110641
2/2/19 5:00 AM	0	87	642	110641
2/2/19 5:30 AM	0	87	642	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/2/19 6:00 AM	0	87	642	110641
2/2/19 6:30 AM	0	88	642	110641
2/2/19 7:00 AM	0	88	642	110641
2/2/19 7:30 AM	0	88	642	110641
2/2/19 8:00 AM	0	88	642	110641
2/2/19 8:30 AM	0	88	642	110641
2/2/19 9:00 AM	0	88	642	110641
2/2/19 9:30 AM	0	88	641	110641
2/2/19 10:00 AM	0	88	641	110641
2/2/19 10:30 AM	0	88	641	110641
2/2/19 11:00 AM	0	88	641	110641
2/2/19 11:30 AM	0	88	641	110641
2/2/19 12:00 PM	0	89	641	110641
2/2/19 12:30 PM	0	89	641	110641
2/2/19 1:00 PM	0	89	640	110641
2/2/19 1:30 PM	0	89	640	110641
2/2/19 2:00 PM	0	89	640	110641
2/2/19 2:30 PM	0	89	640	110641
2/2/19 3:00 PM	0	90	639	110641
2/2/19 3:30 PM	0	90	639	110641
2/2/19 4:00 PM	0	90	639	110641
2/2/19 4:30 PM	0	90	639	110641
2/2/19 5:00 PM	0	90	639	110641
2/2/19 5:30 PM	0	90	639	110641
2/2/19 6:00 PM	0	90	638	110641
2/2/19 6:30 PM	0	90	639	110641
2/2/19 7:00 PM	0	91	638	110641
2/2/19 7:30 PM	0	91	638	110641
2/2/19 8:00 PM	0	91	638	110641
2/2/19 8:30 PM	0	91	638	110641
2/2/19 9:00 PM	0	91	638	110641
2/2/19 9:30 PM	0	91	638	110641
2/2/19 10:00 PM	0	91	638	110641
2/2/19 10:30 PM	0	91	638	110641
2/2/19 11:00 PM	0	91	638	110641
2/2/19 11:30 PM	0	91	638	110641
2/3/19 12:00 AM	0	91	637	110641
2/3/19 12:30 AM	0	91	637	110641
2/3/19 1:00 AM	0	91	637	110641
2/3/19 1:30 AM	0	91	637	110641
2/3/19 2:00 AM	0	91	637	110641
2/3/19 2:30 AM	0	92	637	110641
2/3/19 3:00 AM	0	92	637	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/3/19 3:30 AM	0	92	636	110641
2/3/19 4:00 AM	0	92	636	110641
2/3/19 4:30 AM	0	92	636	110641
2/3/19 5:00 AM	0	92	636	110641
2/3/19 5:30 AM	0	92	636	110641
2/3/19 6:00 AM	0	92	636	110641
2/3/19 6:30 AM	0	92	636	110641
2/3/19 7:00 AM	0	92	636	110641
2/3/19 7:30 AM	0	92	635	110641
2/3/19 8:00 AM	0	92	635	110641
2/3/19 8:30 AM	0	92	635	110641
2/3/19 9:00 AM	0	93	635	110641
2/3/19 9:30 AM	0	93	635	110641
2/3/19 10:00 AM	0	93	635	110641
2/3/19 10:30 AM	0	93	635	110641
2/3/19 11:00 AM	0	93	635	110641
2/3/19 11:30 AM	0	93	634	110641
2/3/19 12:00 PM	0	93	634	110641
2/3/19 12:30 PM	0	93	635	110641
2/3/19 1:00 PM	0	93	634	110641
2/3/19 1:30 PM	0	94	634	110641
2/3/19 2:00 PM	0	94	634	110641
2/3/19 2:30 PM	0	94	633	110641
2/3/19 3:00 PM	0	94	633	110641
2/3/19 3:30 PM	0	94	634	110641
2/3/19 4:00 PM	0	94	633	110641
2/3/19 4:30 PM	0	94	633	110641
2/3/19 5:00 PM	0	94	633	110641
2/3/19 5:30 PM	0	94	633	110641
2/3/19 6:00 PM	0	94	633	110641
2/3/19 6:30 PM	0	95	633	110641
2/3/19 7:00 PM	0	95	633	110641
2/3/19 7:30 PM	0	95	633	110641
2/3/19 8:00 PM	0	95	632	110641
2/3/19 8:30 PM	0	95	632	110641
2/3/19 9:00 PM	0	95	632	110641
2/3/19 9:30 PM	0	95	632	110641
2/3/19 10:00 PM	0	95	632	110641
2/3/19 10:30 PM	0	95	632	110641
2/3/19 11:00 PM	0	95	632	110641
2/3/19 11:30 PM	0	95	632	110641
2/4/19 12:00 AM	0	95	632	110641
2/4/19 12:30 AM	0	95	631	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/4/19 1:00 AM	0	95	631	110641
2/4/19 1:30 AM	0	95	631	110641
2/4/19 2:00 AM	0	95	631	110641
2/4/19 2:30 AM	0	95	631	110641
2/4/19 3:00 AM	0	95	631	110641
2/4/19 3:30 AM	0	95	631	110641
2/4/19 4:00 AM	0	95	631	110641
2/4/19 4:30 AM	0	95	631	110641
2/4/19 5:00 AM	0	96	631	110641
2/4/19 5:30 AM	0	96	630	110641
2/4/19 6:00 AM	0	96	630	110641
2/4/19 6:30 AM	0	96	630	110641
2/4/19 7:00 AM	0	96	630	110641
2/4/19 7:30 AM	0	96	630	110641
2/4/19 8:00 AM	0	96	630	110641
2/4/19 8:30 AM	0	96	630	110641
2/4/19 9:00 AM	0	96	630	110641
2/4/19 9:30 AM	0	96	630	110641
2/4/19 10:00 AM	0	96	629	110641
2/4/19 10:30 AM	0	96	629	110641
2/4/19 11:00 AM	0	96	629	110641
2/4/19 11:30 AM	0	97	629	110641
2/4/19 12:00 PM	0	97	629	110641
2/4/19 12:30 PM	0	97	629	110641
2/4/19 1:00 PM	0	97	629	110641
2/4/19 1:30 PM	0	97	628	110641
2/4/19 2:00 PM	0	97	628	110641
2/4/19 2:30 PM	0	97	628	110641
2/4/19 3:00 PM	0	97	628	110641
2/4/19 3:30 PM	0	97	628	110641
2/4/19 4:00 PM	0	98	628	110641
2/4/19 4:30 PM	0	98	628	110641
2/4/19 5:00 PM	0	98	627	110641
2/4/19 5:30 PM	0	98	627	110641
2/4/19 6:00 PM	0	98	627	110641
2/4/19 6:30 PM	0	98	627	110641
2/4/19 7:00 PM	0	98	627	110641
2/4/19 7:30 PM	0	98	627	110641
2/4/19 8:00 PM	0	98	627	110641
2/4/19 8:30 PM	0	98	627	110641
2/4/19 9:00 PM	0	98	627	110641
2/4/19 9:30 PM	0	98	627	110641
2/4/19 10:00 PM	0	98	627	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/4/19 10:30 PM	0	98	627	110641
2/4/19 11:00 PM	0	99	626	110641
2/4/19 11:30 PM	0	99	626	110641
2/5/19 12:00 AM	0	99	626	110641
2/5/19 12:30 AM	0	99	626	110641
2/5/19 1:00 AM	0	99	626	110641
2/5/19 1:30 AM	0	99	626	110641
2/5/19 2:00 AM	0	99	626	110641
2/5/19 2:30 AM	0	99	626	110641
2/5/19 3:00 AM	0	99	626	110641
2/5/19 3:30 AM	0	99	625	110641
2/5/19 4:00 AM	0	99	625	110641
2/5/19 4:30 AM	0	99	625	110641
2/5/19 5:00 AM	0	99	625	110641
2/5/19 5:30 AM	0	99	625	110641
2/5/19 6:00 AM	0	99	625	110641
2/5/19 6:30 AM	0	99	625	110641
2/5/19 7:00 AM	0	99	625	110641
2/5/19 7:30 AM	0	99	625	110641
2/5/19 8:00 AM	0	99	625	110641
2/5/19 8:30 AM	0	100	625	110641
2/5/19 9:00 AM	0	100	625	110641
2/5/19 9:30 AM	0	100	625	110641
2/5/19 10:00 AM	0	100	624	110641
2/5/19 10:30 AM	0	100	624	110641
2/5/19 11:00 AM	0	100	624	110641
2/5/19 11:30 AM	0	100	624	110641
2/5/19 12:00 PM	0	100	624	110641
2/5/19 12:30 PM	0	100	624	110641
2/5/19 1:00 PM	0	101	623	110641
2/5/19 1:30 PM	0	101	623	110641
2/5/19 2:00 PM	0	101	623	110641
2/5/19 2:30 PM	0	101	623	110641
2/5/19 3:00 PM	0	101	623	110641
2/5/19 3:30 PM	0	101	623	110641
2/5/19 4:00 PM	0	101	623	110641
2/5/19 4:30 PM	0	101	623	110641
2/5/19 5:00 PM	0	101	623	110641
2/5/19 5:30 PM	0	101	622	110641
2/5/19 6:00 PM	0	101	622	110641
2/5/19 6:30 PM	0	102	622	110641
2/5/19 7:00 PM	0	102	622	110641
2/5/19 7:30 PM	0	102	622	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/5/19 8:00 PM	0	102	622	110641
2/5/19 8:30 PM	0	102	622	110641
2/5/19 9:00 PM	0	102	622	110641
2/5/19 9:30 PM	0	102	622	110641
2/5/19 10:00 PM	0	102	622	110641
2/5/19 10:30 PM	0	102	622	110641
2/5/19 11:00 PM	0	102	622	110641
2/5/19 11:30 PM	0	102	622	110641
2/6/19 12:00 AM	0	102	621	110641
2/6/19 12:30 AM	0	102	621	110641
2/6/19 1:00 AM	0	102	621	110641
2/6/19 1:30 AM	0	102	621	110641
2/6/19 2:00 AM	0	102	621	110641
2/6/19 2:30 AM	0	102	621	110641
2/6/19 3:00 AM	0	102	621	110641
2/6/19 3:30 AM	0	102	621	110641
2/6/19 4:00 AM	0	102	621	110641
2/6/19 4:30 AM	0	102	621	110641
2/6/19 5:00 AM	0	102	621	110641
2/6/19 5:30 AM	0	102	621	110641
2/6/19 6:00 AM	0	102	620	110641
2/6/19 6:30 AM	0	102	620	110641
2/6/19 7:00 AM	0	102	620	110641
2/6/19 7:30 AM	0	102	620	110641
2/6/19 8:00 AM	0	103	620	110641
2/6/19 8:30 AM	0	103	620	110641
2/6/19 9:00 AM	0	103	620	110641
2/6/19 9:30 AM	0	103	620	110641
2/6/19 10:00 AM	0	103	620	110641
2/6/19 10:30 AM	0	103	620	110641
2/6/19 11:00 AM	0	103	620	110641
2/6/19 11:30 AM	0	103	620	110641
2/6/19 12:00 PM	0	103	619	110641
2/6/19 12:30 PM	0	103	619	110641
2/6/19 1:00 PM	0	103	620	110641
2/6/19 1:30 PM	0	103	619	110641
2/6/19 2:00 PM	0	103	618	110641
2/6/19 2:30 PM	0	103	618	110641
2/6/19 3:00 PM	0	103	619	110641
2/6/19 3:30 PM	0	103	619	110641
2/6/19 4:00 PM	0	104	618	110641
2/6/19 4:30 PM	0	104	618	110641
2/6/19 5:00 PM	0	104	618	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
2/6/19 5:30 PM	0	104	618	110641
2/6/19 6:00 PM	0	104	618	110641
2/6/19 6:30 PM	0	104	618	110641
2/6/19 7:00 PM	0	104	618	110641
2/6/19 7:30 PM	0	104	618	110641
2/6/19 8:00 PM	0	104	618	110641
2/6/19 8:30 PM	0	104	618	110641
2/6/19 9:00 PM	0	104	618	110641
2/6/19 9:30 PM	0	104	617	110641
2/6/19 10:00 PM	0	104	617	110641
2/6/19 10:30 PM	0	104	617	110641
2/6/19 11:00 PM	0	104	617	110641
2/6/19 11:30 PM	0	104	617	110641
2/7/19 12:00 AM	0	104	617	110641
2/7/19 12:30 AM	0	104	617	110641
2/7/19 1:00 AM	0	104	617	110641
2/7/19 1:30 AM	0	104	617	110641
2/7/19 2:00 AM	0	104	617	110641
2/7/19 2:30 AM	0	104	617	110641
2/7/19 3:00 AM	0	104	616	110641
2/7/19 3:30 AM	0	104	616	110641
2/7/19 4:00 AM	0	104	616	110641
2/7/19 4:30 AM	0	104	616	110641
2/7/19 5:00 AM	0	104	616	110641
2/7/19 5:30 AM	0	104	616	110641
2/7/19 6:00 AM	0	104	616	110641
2/7/19 6:30 AM	0	104	616	110641
2/7/19 7:00 AM	0	104	616	110641
2/7/19 7:30 AM	0	104	616	110641
2/7/19 8:00 AM	0	104	616	110641
2/7/19 8:30 AM	0	104	616	110641
2/7/19 9:00 AM	0	105	616	110641
2/7/19 9:30 AM	0	105	616	110641
2/7/19 10:00 AM	0	105	615	110641
2/7/19 10:30 AM	0	105	615	110641
2/7/19 11:00 AM	0	105	615	110641
2/7/19 11:30 AM	0	105	615	110641
2/7/19 12:00 PM	0	105	615	110641
2/7/19 12:30 PM	0	106	615	110641
2/7/19 1:00 PM	0	106	614	110641
2/7/19 1:30 PM	0	106	614	110641
2/7/19 2:00 PM	0	106	614	110641
2/7/19 2:30 PM	0	106	614	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/7/19 3:00 PM	0	106	614	110641
2/7/19 3:30 PM	0	106	614	110641
2/7/19 4:00 PM	0	106	614	110641
2/7/19 4:30 PM	0	106	614	110641
2/7/19 5:00 PM	0	107	614	110641
2/7/19 5:30 PM	0	107	613	110641
2/7/19 6:00 PM	0	107	614	110641
2/7/19 6:30 PM	0	107	614	110641
2/7/19 7:00 PM	0	107	614	110641
2/7/19 7:30 PM	0	107	614	110641
2/7/19 8:00 PM	0	107	614	110641
2/7/19 8:30 PM	0	107	613	110641
2/7/19 9:00 PM	0	107	613	110641
2/7/19 9:30 PM	0	107	613	110641
2/7/19 10:00 PM	0	107	613	110641
2/7/19 10:30 PM	0	107	613	110641
2/7/19 11:00 PM	0	107	613	110641
2/7/19 11:30 PM	0	107	613	110641
2/8/19 12:00 AM	0	107	613	110641
2/8/19 12:30 AM	0	107	613	110641
2/8/19 1:00 AM	0	107	613	110641
2/8/19 1:30 AM	0	107	613	110641
2/8/19 2:00 AM	0	107	613	110641
2/8/19 2:30 AM	0	107	612	110641
2/8/19 3:00 AM	0	107	612	110641
2/8/19 3:30 AM	0	107	612	110641
2/8/19 4:00 AM	0	107	612	110641
2/8/19 4:30 AM	0	107	612	110641
2/8/19 5:00 AM	0	107	612	110641
2/8/19 5:30 AM	0	107	612	110641
2/8/19 6:00 AM	0	107	612	110641
2/8/19 6:30 AM	0	107	612	110641
2/8/19 7:00 AM	0	107	612	110641
2/8/19 7:30 AM	0	107	612	110641
2/8/19 8:00 AM	0	107	612	110641
2/8/19 8:30 AM	0	107	612	110641
2/8/19 9:00 AM	0	107	612	110641
2/8/19 9:30 AM	0	107	612	110641
2/8/19 10:00 AM	0	107	612	110641
2/8/19 10:30 AM	0	107	611	110641
2/8/19 11:00 AM	0	107	611	110641
2/8/19 11:30 AM	0	107	611	110641
2/8/19 12:00 PM	0	108	611	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/8/19 12:30 PM	0	108	611	110641
2/8/19 1:00 PM	0	108	611	110641
2/8/19 1:30 PM	0	108	611	110641
2/8/19 2:00 PM	0	108	611	110641
2/8/19 2:30 PM	0	108	610	110641
2/8/19 3:00 PM	0	108	610	110641
2/8/19 3:30 PM	0	109	610	110641
2/8/19 4:00 PM	0	109	610	110641
2/8/19 4:30 PM	0	109	610	110641
2/8/19 5:00 PM	0	109	610	110641
2/8/19 5:30 PM	0	109	609	110641
2/8/19 6:00 PM	0	109	609	110641
2/8/19 6:30 PM	0	109	610	110641
2/8/19 7:00 PM	0	109	610	110641
2/8/19 7:30 PM	0	109	610	110641
2/8/19 8:00 PM	0	109	610	110641
2/8/19 8:30 PM	0	109	610	110641
2/8/19 9:00 PM	0	109	609	110641
2/8/19 9:30 PM	0	109	609	110641
2/8/19 10:00 PM	0	109	609	110641
2/8/19 10:30 PM	0	109	609	110641
2/8/19 11:00 PM	0	109	609	110641
2/8/19 11:30 PM	0	109	609	110641
2/9/19 12:00 AM	0	109	609	110641
2/9/19 12:30 AM	0	109	609	110641
2/9/19 1:00 AM	0	109	609	110641
2/9/19 1:30 AM	0	109	609	110641
2/9/19 2:00 AM	0	109	609	110641
2/9/19 2:30 AM	0	109	609	110641
2/9/19 3:00 AM	0	110	609	110641
2/9/19 3:30 AM	0	110	609	110641
2/9/19 4:00 AM	0	110	608	110641
2/9/19 4:30 AM	0	110	608	110641
2/9/19 5:00 AM	0	110	608	110641
2/9/19 5:30 AM	0	110	608	110641
2/9/19 6:00 AM	0	110	608	110641
2/9/19 6:30 AM	0	110	608	110641
2/9/19 7:00 AM	0	110	608	110641
2/9/19 7:30 AM	0	110	608	110641
2/9/19 8:00 AM	0	110	608	110641
2/9/19 8:30 AM	0	110	608	110641
2/9/19 9:00 AM	0	110	608	110641
2/9/19 9:30 AM	0	110	608	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/9/19 10:00 AM	0	110	608	110641
2/9/19 10:30 AM	0	110	608	110641
2/9/19 11:00 AM	0	110	607	110641
2/9/19 11:30 AM	0	110	608	110641
2/9/19 12:00 PM	0	110	607	110641
2/9/19 12:30 PM	0	111	607	110641
2/9/19 1:00 PM	0	111	607	110641
2/9/19 1:30 PM	0	111	607	110641
2/9/19 2:00 PM	0	111	607	110641
2/9/19 2:30 PM	0	111	607	110641
2/9/19 3:00 PM	0	111	607	110641
2/9/19 3:30 PM	0	111	607	110641
2/9/19 4:00 PM	0	111	607	110641
2/9/19 4:30 PM	0	111	607	110641
2/9/19 5:00 PM	0	111	606	110641
2/9/19 5:30 PM	0	111	606	110641
2/9/19 6:00 PM	0	111	606	110641
2/9/19 6:30 PM	0	112	606	110641
2/9/19 7:00 PM	0	112	606	110641
2/9/19 7:30 PM	0	112	606	110641
2/9/19 8:00 PM	0	112	606	110641
2/9/19 8:30 PM	0	112	606	110641
2/9/19 9:00 PM	0	112	606	110641
2/9/19 9:30 PM	0	112	606	110641
2/9/19 10:00 PM	0	112	606	110641
2/9/19 10:30 PM	0	112	606	110641
2/9/19 11:00 PM	0	112	606	110641
2/9/19 11:30 PM	0	112	606	110641
2/10/19 12:00 AM	0	112	606	110641
2/10/19 12:30 AM	0	112	606	110641
2/10/19 1:00 AM	0	112	605	110641
2/10/19 1:30 AM	0	112	605	110641
2/10/19 2:00 AM	0	112	605	110641
2/10/19 2:30 AM	0	112	605	110641
2/10/19 3:00 AM	0	112	605	110641
2/10/19 3:30 AM	0	112	605	110641
2/10/19 4:00 AM	0	112	605	110641
2/10/19 4:30 AM	0	112	605	110641
2/10/19 5:00 AM	0	112	605	110641
2/10/19 5:30 AM	0	112	605	110641
2/10/19 6:00 AM	0	112	605	110641
2/10/19 6:30 AM	0	112	605	110641
2/10/19 7:00 AM	0	112	605	110641

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/10/19 7:30 AM	0	112	605	110641
2/10/19 8:00 AM	0	112	605	110641
2/10/19 8:30 AM	0	112	605	110641
2/10/19 9:00 AM	0	112	605	110641
2/10/19 9:30 AM	0	112	604	110641
2/10/19 10:00 AM	0	112	604	110641
2/10/19 10:30 AM	0	112	604	110641
2/10/19 11:00 AM	0	112	604	110641
2/10/19 11:30 AM	0	113	604	110641
2/10/19 12:00 PM	0	113	604	110641
2/10/19 12:30 PM	0	113	604	110641
2/10/19 1:00 PM	0	113	604	110641
2/10/19 1:30 PM	0	113	603	110641
2/10/19 2:00 PM	0	113	603	110641
2/10/19 2:30 PM	0	114	603	110641
2/10/19 3:00 PM	0	114	603	110641
2/10/19 3:30 PM	0	114	603	110641
2/10/19 4:00 PM	0	114	603	110641
2/10/19 4:30 PM	0	114	603	110641
2/10/19 5:00 PM	0	114	603	110641
2/10/19 5:30 PM	0	114	603	110641
2/10/19 6:00 PM	0	114	603	110641
2/10/19 6:30 PM	0	114	603	110641
2/10/19 7:00 PM	0	114	603	110641
2/10/19 7:30 PM	0	114	603	110641
2/10/19 8:00 PM	0	114	603	110641
2/10/19 8:30 PM	0	114	603	110641
2/10/19 9:00 PM	0	114	603	110641
2/10/19 9:30 PM	0	114	603	110641
2/10/19 10:00 PM	0	114	603	110641
2/10/19 10:30 PM	0	114	603	110641
2/10/19 11:00 PM	0	114	603	110641
2/10/19 11:30 PM	0	114	602	110641
2/11/19 12:00 AM	0	114	602	110641
2/11/19 12:30 AM	0	114	602	110641
2/11/19 1:00 AM	0	114	602	110641
2/11/19 1:30 AM	0	114	602	110641
2/11/19 2:00 AM	0	114	602	110641
2/11/19 2:30 AM	0	114	602	110641
2/11/19 3:00 AM	0	114	602	110641
2/11/19 3:30 AM	0	114	602	110641
2/11/19 4:00 AM	0	114	602	110641
2/11/19 4:30 AM	0	114	602	110641

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/11/19 5:00 AM	0	114	602	110641
2/11/19 5:30 AM	0	114	602	110641
2/11/19 6:00 AM	0	114	602	110641
2/11/19 6:30 AM	0	114	602	110641
2/11/19 7:00 AM	0	114	602	110641
2/11/19 7:30 AM	0	114	601	110641
2/11/19 8:00 AM	27	82	791	110651
2/11/19 8:30 AM	27	34	847	110670
2/11/19 9:00 AM	26	19	873	110689
2/11/19 9:30 AM	26	13	890	110707
2/11/19 10:00 AM	25	10	903	110726
2/11/19 10:30 AM	26	7	914	110744
2/11/19 11:00 AM	25	6	924	110762
2/11/19 11:30 AM	26	4	933	110781
2/11/19 12:00 PM	26	4	940	110799
2/11/19 12:30 PM	25	3	948	110817
2/11/19 1:00 PM	26	2	954	110835
2/11/19 1:30 PM	25	2	959	110853
2/11/19 2:00 PM	24	1	965	110871
2/11/19 2:30 PM	26	1	970	110889
2/11/19 3:00 PM	25	1	975	110907
2/11/19 3:30 PM	25	1	979	110925
2/11/19 4:00 PM	26	0	984	110943
2/11/19 4:30 PM	26	0	988	110962
2/11/19 5:00 PM	25	0	992	110980
2/11/19 5:30 PM	26	0	996	110998
2/11/19 6:00 PM	25	0	1000	111016
2/11/19 6:30 PM	26	0	1003	111034
2/11/19 7:00 PM	24	0	1006	111052
2/11/19 7:30 PM	24	0	1010	111070
2/11/19 8:00 PM	26	-1	1014	111088
2/11/19 8:30 PM	26	-1	1017	111106
2/11/19 9:00 PM	25	-1	1020	111124
2/11/19 9:30 PM	25	-1	1024	111142
2/11/19 10:00 PM	26	-1	1027	111160
2/11/19 10:30 PM	24	-1	1029	111177
2/11/19 11:00 PM	25	-1	1032	111195
2/11/19 11:30 PM	26	-1	1033	111213
2/12/19 12:00 AM	24	-1	1036	111231
2/12/19 12:30 AM	25	-1	1040	111249
2/12/19 1:00 AM	26	-1	1043	111267
2/12/19 1:30 AM	25	-1	1045	111285
2/12/19 2:00 AM	24	-1	1047	111302

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/12/19 2:30 AM	25	-1	1050	111320
2/12/19 3:00 AM	25	-1	1052	111338
2/12/19 3:30 AM	26	-1	1055	111356
2/12/19 4:00 AM	25	-1	1058	111374
2/12/19 4:30 AM	26	-1	1060	111392
2/12/19 5:00 AM	25	-1	1062	111409
2/12/19 5:30 AM	25	-1	1065	111427
2/12/19 6:00 AM	25	-2	1067	111445
2/12/19 6:30 AM	24	-2	1069	111463
2/12/19 7:00 AM	25	-2	1072	111480
2/12/19 7:30 AM	25	-2	1074	111498
2/12/19 8:00 AM	5	-2	1047	111516
2/12/19 8:30 AM	33	-2	1099	111532
2/12/19 9:00 AM	32	-2	1114	111554
2/12/19 9:30 AM	29	-2	1122	111575
2/12/19 10:00 AM	29	-2	1127	111597
2/12/19 10:30 AM	29	-2	1131	111619
2/12/19 11:00 AM	29	-2	1135	111640
2/12/19 11:30 AM	31	-2	1138	111661
2/12/19 12:00 PM	31	-2	1142	111683
2/12/19 12:30 PM	31	-2	1145	111704
2/12/19 1:00 PM	30	-2	1148	111725
2/12/19 1:30 PM	29	-2	1151	111746
2/12/19 2:00 PM	31	-2	1154	111768
2/12/19 2:30 PM	28	-2	1156	111789
2/12/19 3:00 PM	31	-2	1158	111810
2/12/19 3:30 PM	29	-2	1161	111831
2/12/19 4:00 PM	32	-2	1164	111852
2/12/19 4:30 PM	31	-3	1166	111874
2/12/19 5:00 PM	30	-3	1168	111895
2/12/19 5:30 PM	28	-3	1170	111916
2/12/19 6:00 PM	31	-3	1173	111937
2/12/19 6:30 PM	31	-3	1176	111958
2/12/19 7:00 PM	31	-3	1178	111980
2/12/19 7:30 PM	30	-3	1180	112001
2/12/19 8:00 PM	31	-3	1183	112022
2/12/19 8:30 PM	29	-3	1185	112043
2/12/19 9:00 PM	27	-3	1187	112064
2/12/19 9:30 PM	29	-3	1189	112085
2/12/19 10:00 PM	30	-3	1191	112106
2/12/19 10:30 PM	28	-3	1193	112127
2/12/19 11:00 PM	27	-3	1195	112148
2/12/19 11:30 PM	28	-3	1197	112169

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/13/19 12:00 AM	31	-3	1199	112190
2/13/19 12:30 AM	30	-3	1201	112211
2/13/19 1:00 AM	0	-2	1019	112220
2/13/19 1:30 AM	0	-2	964	112220
2/13/19 2:00 AM	-1	-1	935	112219
2/13/19 2:30 AM	0	0	915	112219
2/13/19 3:00 AM	0	0	900	112219
2/13/19 3:30 AM	0	1	886	112219
2/13/19 4:00 AM	0	2	875	112218
2/13/19 4:30 AM	0	2	865	112218
2/13/19 5:00 AM	0	3	856	112218
2/13/19 5:30 AM	0	4	849	112218
2/13/19 6:00 AM	0	4	841	112218
2/13/19 6:30 AM	0	5	835	112218
2/13/19 7:00 AM	0	6	829	112218
2/13/19 7:30 AM	0	6	823	112218
2/13/19 8:00 AM	44	7	957	112221
2/13/19 8:30 AM	43	3	1136	112251
2/13/19 9:00 AM	41	1	1183	112281
2/13/19 9:30 AM	43	-1	1211	112311
2/13/19 10:00 AM	43	-1	1229	112341
2/13/19 10:30 AM	42	-2	1244	112371
2/13/19 11:00 AM	40	-2	1255	112400
2/13/19 11:30 AM	41	-3	1263	112429
2/13/19 12:00 PM	41	-3	1272	112459
2/13/19 12:30 PM	41	-3	1280	112488
2/13/19 1:00 PM	40	-3	1285	112517
2/13/19 1:30 PM	38	-3	1292	112545
2/13/19 2:00 PM	39	-3	1299	112573
2/13/19 2:30 PM	39	-3	1305	112601
2/13/19 3:00 PM	39	-3	1310	112629
2/13/19 3:30 PM	39	-3	1314	112656
2/13/19 4:00 PM	39	-3	1319	112684
2/13/19 4:30 PM	40	-3	1324	112712
2/13/19 5:00 PM	38	-3	1329	112740
2/13/19 5:30 PM	38	-3	1335	112767
2/13/19 6:00 PM	39	-3	1340	112795
2/13/19 6:30 PM	38	-3	1344	112823
2/13/19 7:00 PM	38	-3	1349	112851
2/13/19 7:30 PM	39	-3	1352	112879
2/13/19 8:00 PM	39	-3	1355	112906
2/13/19 8:30 PM	38	-3	1358	112934
2/13/19 9:00 PM	38	-3	1360	112962

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/13/19 9:30 PM	39	-3	1363	112989
2/13/19 10:00 PM	38	-3	1367	113016
2/13/19 10:30 PM	38	-3	1370	113044
2/13/19 11:00 PM	39	-3	1373	113071
2/13/19 11:30 PM	38	-3	1376	113099
2/14/19 12:00 AM	39	-3	1379	113126
2/14/19 12:30 AM	37	-3	1382	113154
2/14/19 1:00 AM	39	-3	1387	113181
2/14/19 1:30 AM	39	-4	1390	113209
2/14/19 2:00 AM	40	-4	1394	113236
2/14/19 2:30 AM	0	-3	1158	113245
2/14/19 3:00 AM	0	-3	1093	113245
2/14/19 3:30 AM	42	-2	1270	113255
2/14/19 4:00 AM	42	-3	1345	113284
2/14/19 4:30 AM	41	-3	1371	113314
2/14/19 5:00 AM	41	-3	1389	113343
2/14/19 5:30 AM	43	-3	1404	113373
2/14/19 6:00 AM	43	-3	1419	113403
2/14/19 6:30 AM	41	-4	1424	113434
2/14/19 7:00 AM	0	-3	1186	113447
2/14/19 7:30 AM	0	-3	1107	113447
2/14/19 8:00 AM	0	-2	1068	113447
2/14/19 8:30 AM	0	-2	1041	113447
2/14/19 9:00 AM	0	-1	1020	113447
2/14/19 9:30 AM	0	0	1002	113447
2/14/19 10:00 AM	0	0	988	113447
2/14/19 10:30 AM	0	1	975	113447
2/14/19 11:00 AM	0	1	964	113447
2/14/19 11:30 AM	0	2	954	113447
2/14/19 12:00 PM	0	2	945	113447
2/14/19 12:30 PM	0	3	937	113447
2/14/19 1:00 PM	0	3	930	113447
2/14/19 1:30 PM	0	4	923	113447
2/14/19 2:00 PM	0	4	917	113447
2/14/19 2:30 PM	0	4	911	113447
2/14/19 3:00 PM	0	5	905	113447
2/14/19 3:30 PM	0	5	900	113447
2/14/19 4:00 PM	0	6	895	113447
2/14/19 4:30 PM	0	6	890	113447
2/14/19 5:00 PM	0	7	886	113447
2/14/19 5:30 PM	0	7	882	113447
2/14/19 6:00 PM	0	8	877	113447
2/14/19 6:30 PM	0	8	874	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/14/19 7:00 PM	0	9	870	113447
2/14/19 7:30 PM	0	9	866	113447
2/14/19 8:00 PM	0	9	863	113447
2/14/19 8:30 PM	0	10	860	113447
2/14/19 9:00 PM	0	10	856	113447
2/14/19 9:30 PM	0	10	853	113447
2/14/19 10:00 PM	0	11	850	113447
2/14/19 10:30 PM	0	11	848	113447
2/14/19 11:00 PM	0	12	845	113447
2/14/19 11:30 PM	0	12	842	113447
2/15/19 12:00 AM	0	12	840	113447
2/15/19 12:30 AM	0	13	837	113447
2/15/19 1:00 AM	0	13	835	113447
2/15/19 1:30 AM	0	13	832	113447
2/15/19 2:00 AM	0	14	830	113447
2/15/19 2:30 AM	0	14	828	113447
2/15/19 3:00 AM	0	15	826	113447
2/15/19 3:30 AM	0	15	823	113447
2/15/19 4:00 AM	0	15	822	113447
2/15/19 4:30 AM	0	16	819	113447
2/15/19 5:00 AM	0	16	817	113447
2/15/19 5:30 AM	0	16	816	113447
2/15/19 6:00 AM	0	17	814	113447
2/15/19 6:30 AM	0	17	812	113447
2/15/19 7:00 AM	0	17	810	113447
2/15/19 7:30 AM	0	18	808	113447
2/15/19 8:00 AM	0	18	807	113447
2/15/19 8:30 AM	0	18	805	113447
2/15/19 9:00 AM	0	19	804	113447
2/15/19 9:30 AM	0	19	802	113447
2/15/19 10:00 AM	0	19	800	113447
2/15/19 10:30 AM	0	20	798	113447
2/15/19 11:00 AM	0	20	797	113447
2/15/19 11:30 AM	0	20	795	113447
2/15/19 12:00 PM	0	21	794	113447
2/15/19 12:30 PM	0	21	793	113447
2/15/19 1:00 PM	0	21	791	113447
2/15/19 1:30 PM	0	22	790	113447
2/15/19 2:00 PM	0	22	788	113447
2/15/19 2:30 PM	0	22	787	113447
2/15/19 3:00 PM	0	23	786	113447
2/15/19 3:30 PM	0	23	785	113447
2/15/19 4:00 PM	0	23	783	113447

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/15/19 4:30 PM	0	24	782	113447
2/15/19 5:00 PM	0	24	781	113447
2/15/19 5:30 PM	0	24	780	113447
2/15/19 6:00 PM	0	25	779	113447
2/15/19 6:30 PM	0	25	777	113447
2/15/19 7:00 PM	0	25	776	113447
2/15/19 7:30 PM	0	26	775	113447
2/15/19 8:00 PM	0	26	774	113447
2/15/19 8:30 PM	0	26	773	113447
2/15/19 9:00 PM	0	26	772	113447
2/15/19 9:30 PM	0	27	771	113447
2/15/19 10:00 PM	0	27	770	113447
2/15/19 10:30 PM	0	27	769	113447
2/15/19 11:00 PM	0	28	768	113447
2/15/19 11:30 PM	0	28	767	113447
2/16/19 12:00 AM	0	28	766	113447
2/16/19 12:30 AM	0	28	765	113447
2/16/19 1:00 AM	0	29	764	113447
2/16/19 1:30 AM	0	29	763	113447
2/16/19 2:00 AM	0	29	762	113447
2/16/19 2:30 AM	0	29	761	113447
2/16/19 3:00 AM	0	30	761	113447
2/16/19 3:30 AM	0	30	760	113447
2/16/19 4:00 AM	0	30	759	113447
2/16/19 4:30 AM	0	31	758	113447
2/16/19 5:00 AM	0	31	757	113447
2/16/19 5:30 AM	0	31	756	113447
2/16/19 6:00 AM	0	31	755	113447
2/16/19 6:30 AM	0	32	755	113447
2/16/19 7:00 AM	0	32	754	113447
2/16/19 7:30 AM	0	32	753	113447
2/16/19 8:00 AM	0	32	752	113447
2/16/19 8:30 AM	0	33	751	113447
2/16/19 9:00 AM	0	33	750	113447
2/16/19 9:30 AM	0	33	750	113447
2/16/19 10:00 AM	0	33	749	113447
2/16/19 10:30 AM	0	34	749	113447
2/16/19 11:00 AM	0	34	748	113447
2/16/19 11:30 AM	0	34	747	113447
2/16/19 12:00 PM	0	35	746	113447
2/16/19 12:30 PM	0	35	745	113447
2/16/19 1:00 PM	0	35	744	113447
2/16/19 1:30 PM	0	35	744	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/16/19 2:00 PM	0	36	743	113447
2/16/19 2:30 PM	0	36	742	113447
2/16/19 3:00 PM	0	36	742	113447
2/16/19 3:30 PM	0	36	741	113447
2/16/19 4:00 PM	0	37	740	113447
2/16/19 4:30 PM	0	37	740	113447
2/16/19 5:00 PM	0	37	739	113447
2/16/19 5:30 PM	0	37	738	113447
2/16/19 6:00 PM	0	38	738	113447
2/16/19 6:30 PM	0	38	737	113447
2/16/19 7:00 PM	0	38	737	113447
2/16/19 7:30 PM	0	38	736	113447
2/16/19 8:00 PM	0	39	735	113447
2/16/19 8:30 PM	0	39	735	113447
2/16/19 9:00 PM	0	39	734	113447
2/16/19 9:30 PM	0	39	734	113447
2/16/19 10:00 PM	0	40	733	113447
2/16/19 10:30 PM	0	40	732	113447
2/16/19 11:00 PM	0	40	732	113447
2/16/19 11:30 PM	0	40	731	113447
2/17/19 12:00 AM	0	40	731	113447
2/17/19 12:30 AM	0	41	730	113447
2/17/19 1:00 AM	0	41	730	113447
2/17/19 1:30 AM	0	41	729	113447
2/17/19 2:00 AM	0	41	729	113447
2/17/19 2:30 AM	0	41	728	113447
2/17/19 3:00 AM	0	42	728	113447
2/17/19 3:30 AM	0	42	727	113447
2/17/19 4:00 AM	0	42	726	113447
2/17/19 4:30 AM	0	42	726	113447
2/17/19 5:00 AM	0	42	725	113447
2/17/19 5:30 AM	0	43	725	113447
2/17/19 6:00 AM	0	43	724	113447
2/17/19 6:30 AM	0	43	724	113447
2/17/19 7:00 AM	0	43	723	113447
2/17/19 7:30 AM	0	43	723	113447
2/17/19 8:00 AM	0	44	723	113447
2/17/19 8:30 AM	0	44	722	113447
2/17/19 9:00 AM	0	44	722	113447
2/17/19 9:30 AM	0	44	721	113447
2/17/19 10:00 AM	0	45	721	113447
2/17/19 10:30 AM	0	45	720	113447
2/17/19 11:00 AM	0	45	719	113447

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/17/19 11:30 AM	0	45	719	113447
2/17/19 12:00 PM	0	46	718	113447
2/17/19 12:30 PM	0	46	718	113447
2/17/19 1:00 PM	0	46	717	113447
2/17/19 1:30 PM	0	46	717	113447
2/17/19 2:00 PM	0	47	717	113447
2/17/19 2:30 PM	0	47	716	113447
2/17/19 3:00 PM	0	47	716	113447
2/17/19 3:30 PM	0	47	715	113447
2/17/19 4:00 PM	0	47	715	113447
2/17/19 4:30 PM	0	48	714	113447
2/17/19 5:00 PM	0	48	713	113447
2/17/19 5:30 PM	0	48	713	113447
2/17/19 6:00 PM	0	48	713	113447
2/17/19 6:30 PM	0	49	713	113447
2/17/19 7:00 PM	0	49	712	113447
2/17/19 7:30 PM	0	49	712	113447
2/17/19 8:00 PM	0	49	711	113447
2/17/19 8:30 PM	0	49	711	113447
2/17/19 9:00 PM	0	50	711	113447
2/17/19 9:30 PM	0	50	710	113447
2/17/19 10:00 PM	0	50	710	113447
2/17/19 10:30 PM	0	50	709	113447
2/17/19 11:00 PM	0	50	709	113447
2/17/19 11:30 PM	0	50	708	113447
2/18/19 12:00 AM	0	51	708	113447
2/18/19 12:30 AM	0	51	708	113447
2/18/19 1:00 AM	0	51	707	113447
2/18/19 1:30 AM	0	51	707	113447
2/18/19 2:00 AM	0	51	706	113447
2/18/19 2:30 AM	0	52	706	113447
2/18/19 3:00 AM	0	52	706	113447
2/18/19 3:30 AM	0	52	705	113447
2/18/19 4:00 AM	0	52	705	113447
2/18/19 4:30 AM	0	52	705	113447
2/18/19 5:00 AM	0	53	704	113447
2/18/19 5:30 AM	0	53	704	113447
2/18/19 6:00 AM	0	53	704	113447
2/18/19 6:30 AM	0	53	703	113447
2/18/19 7:00 AM	0	53	703	113447
2/18/19 7:30 AM	0	53	703	113447
2/18/19 8:00 AM	0	54	702	113447
2/18/19 8:30 AM	0	54	702	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/18/19 9:00 AM	0	54	702	113447
2/18/19 9:30 AM	0	54	701	113447
2/18/19 10:00 AM	0	54	701	113447
2/18/19 10:30 AM	0	54	700	113447
2/18/19 11:00 AM	0	55	700	113447
2/18/19 11:30 AM	0	55	700	113447
2/18/19 12:00 PM	0	55	700	113447
2/18/19 12:30 PM	0	55	699	113447
2/18/19 1:00 PM	0	55	698	113447
2/18/19 1:30 PM	0	56	698	113447
2/18/19 2:00 PM	0	56	698	113447
2/18/19 2:30 PM	0	56	698	113447
2/18/19 3:00 PM	0	56	697	113447
2/18/19 3:30 PM	0	57	697	113447
2/18/19 4:00 PM	0	57	697	113447
2/18/19 4:30 PM	0	57	696	113447
2/18/19 5:00 PM	0	57	696	113447
2/18/19 5:30 PM	0	57	695	113447
2/18/19 6:00 PM	0	57	695	113447
2/18/19 6:30 PM	0	58	695	113447
2/18/19 7:00 PM	0	58	695	113447
2/18/19 7:30 PM	0	58	694	113447
2/18/19 8:00 PM	0	58	694	113447
2/18/19 8:30 PM	0	58	694	113447
2/18/19 9:00 PM	0	58	694	113447
2/18/19 9:30 PM	0	59	693	113447
2/18/19 10:00 PM	0	59	693	113447
2/18/19 10:30 PM	0	59	693	113447
2/18/19 11:00 PM	0	59	692	113447
2/18/19 11:30 PM	0	59	692	113447
2/19/19 12:00 AM	0	59	692	113447
2/19/19 12:30 AM	0	59	691	113447
2/19/19 1:00 AM	0	60	691	113447
2/19/19 1:30 AM	0	60	691	113447
2/19/19 2:00 AM	0	60	690	113447
2/19/19 2:30 AM	0	60	690	113447
2/19/19 3:00 AM	0	60	690	113447
2/19/19 3:30 AM	0	61	690	113447
2/19/19 4:00 AM	0	61	689	113447
2/19/19 4:30 AM	0	61	689	113447
2/19/19 5:00 AM	0	61	689	113447
2/19/19 5:30 AM	0	61	688	113447
2/19/19 6:00 AM	0	61	688	113447

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/19/19 6:30 AM	0	61	688	113447
2/19/19 7:00 AM	0	62	688	113447
2/19/19 7:30 AM	0	62	687	113447
2/19/19 8:00 AM	0	62	687	113447
2/19/19 8:30 AM	0	62	687	113447
2/19/19 9:00 AM	0	62	687	113447
2/19/19 9:30 AM	0	62	686	113447
2/19/19 10:00 AM	0	62	686	113447
2/19/19 10:30 AM	0	63	686	113447
2/19/19 11:00 AM	0	63	686	113447
2/19/19 11:30 AM	0	63	685	113447
2/19/19 12:00 PM	0	63	685	113447
2/19/19 12:30 PM	0	63	685	113447
2/19/19 1:00 PM	0	64	685	113447
2/19/19 1:30 PM	0	64	684	113447
2/19/19 2:00 PM	0	64	684	113447
2/19/19 2:30 PM	0	64	683	113447
2/19/19 3:00 PM	0	64	683	113447
2/19/19 3:30 PM	0	65	682	113447
2/19/19 4:00 PM	0	65	682	113447
2/19/19 4:30 PM	0	65	682	113447
2/19/19 5:00 PM	0	65	682	113447
2/19/19 5:30 PM	0	65	682	113447
2/19/19 6:00 PM	0	65	682	113447
2/19/19 6:30 PM	0	66	681	113447
2/19/19 7:00 PM	0	66	681	113447
2/19/19 7:30 PM	0	66	681	113447
2/19/19 8:00 PM	0	66	681	113447
2/19/19 8:30 PM	0	66	681	113447
2/19/19 9:00 PM	0	66	680	113447
2/19/19 9:30 PM	0	66	680	113447
2/19/19 10:00 PM	0	66	680	113447
2/19/19 10:30 PM	0	66	680	113447
2/19/19 11:00 PM	0	66	679	113447
2/19/19 11:30 PM	0	67	679	113447
2/20/19 12:00 AM	0	67	679	113447
2/20/19 12:30 AM	0	67	679	113447
2/20/19 1:00 AM	0	67	678	113447
2/20/19 1:30 AM	0	67	678	113447
2/20/19 2:00 AM	0	67	678	113447
2/20/19 2:30 AM	0	67	678	113447
2/20/19 3:00 AM	0	67	677	113447
2/20/19 3:30 AM	0	67	677	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/20/19 4:00 AM	0	67	677	113447
2/20/19 4:30 AM	0	68	677	113447
2/20/19 5:00 AM	0	68	677	113447
2/20/19 5:30 AM	0	68	676	113447
2/20/19 6:00 AM	0	68	676	113447
2/20/19 6:30 AM	0	68	676	113447
2/20/19 7:00 AM	0	68	676	113447
2/20/19 7:30 AM	0	68	676	113447
2/20/19 8:00 AM	0	68	676	113447
2/20/19 8:30 AM	0	68	675	113447
2/20/19 9:00 AM	0	69	675	113447
2/20/19 9:30 AM	0	69	675	113447
2/20/19 10:00 AM	0	69	675	113447
2/20/19 10:30 AM	0	69	674	113447
2/20/19 11:00 AM	0	69	674	113447
2/20/19 11:30 AM	0	70	673	113447
2/20/19 12:00 PM	0	70	673	113447
2/20/19 12:30 PM	0	70	673	113447
2/20/19 1:00 PM	0	70	673	113447
2/20/19 1:30 PM	0	71	672	113447
2/20/19 2:00 PM	0	71	672	113447
2/20/19 2:30 PM	0	71	672	113447
2/20/19 3:00 PM	0	71	672	113447
2/20/19 3:30 PM	0	71	671	113447
2/20/19 4:00 PM	0	72	671	113447
2/20/19 4:30 PM	0	72	671	113447
2/20/19 5:00 PM	0	72	671	113447
2/20/19 5:30 PM	0	72	671	113447
2/20/19 6:00 PM	0	72	670	113447
2/20/19 6:30 PM	0	72	670	113447
2/20/19 7:00 PM	0	72	670	113447
2/20/19 7:30 PM	0	73	670	113447
2/20/19 8:00 PM	0	73	670	113447
2/20/19 8:30 PM	0	73	670	113447
2/20/19 9:00 PM	0	73	670	113447
2/20/19 9:30 PM	0	73	669	113447
2/20/19 10:00 PM	0	73	669	113447
2/20/19 10:30 PM	0	73	669	113447
2/20/19 11:00 PM	0	73	669	113447
2/20/19 11:30 PM	0	73	669	113447
2/21/19 12:00 AM	0	73	668	113447
2/21/19 12:30 AM	0	73	668	113447
2/21/19 1:00 AM	0	74	668	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/21/19 1:30 AM	0	74	668	113447
2/21/19 2:00 AM	0	74	668	113447
2/21/19 2:30 AM	0	74	667	113447
2/21/19 3:00 AM	0	74	667	113447
2/21/19 3:30 AM	0	74	667	113447
2/21/19 4:00 AM	0	74	667	113447
2/21/19 4:30 AM	0	74	667	113447
2/21/19 5:00 AM	0	74	667	113447
2/21/19 5:30 AM	0	75	666	113447
2/21/19 6:00 AM	0	75	666	113447
2/21/19 6:30 AM	0	75	666	113447
2/21/19 7:00 AM	0	75	666	113447
2/21/19 7:30 AM	0	75	666	113447
2/21/19 8:00 AM	0	75	665	113447
2/21/19 8:30 AM	0	75	665	113447
2/21/19 9:00 AM	0	75	665	113447
2/21/19 9:30 AM	0	76	665	113447
2/21/19 10:00 AM	0	76	665	113447
2/21/19 10:30 AM	0	76	665	113447
2/21/19 11:00 AM	0	76	664	113447
2/21/19 11:30 AM	0	76	664	113447
2/21/19 12:00 PM	0	76	664	113447
2/21/19 12:30 PM	0	76	664	113447
2/21/19 1:00 PM	0	77	663	113447
2/21/19 1:30 PM	0	77	663	113447
2/21/19 2:00 PM	0	77	663	113447
2/21/19 2:30 PM	0	77	662	113447
2/21/19 3:00 PM	0	77	662	113447
2/21/19 3:30 PM	0	77	662	113447
2/21/19 4:00 PM	0	78	662	113447
2/21/19 4:30 PM	0	78	662	113447
2/21/19 5:00 PM	0	78	662	113447
2/21/19 5:30 PM	0	78	662	113447
2/21/19 6:00 PM	0	78	662	113447
2/21/19 6:30 PM	0	78	661	113447
2/21/19 7:00 PM	0	78	661	113447
2/21/19 7:30 PM	0	78	661	113447
2/21/19 8:00 PM	0	78	661	113447
2/21/19 8:30 PM	0	79	661	113447
2/21/19 9:00 PM	0	79	661	113447
2/21/19 9:30 PM	0	79	660	113447
2/21/19 10:00 PM	0	79	660	113447
2/21/19 10:30 PM	0	79	660	113447

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/21/19 11:00 PM	0	79	660	113447
2/21/19 11:30 PM	0	79	660	113447
2/22/19 12:00 AM	0	79	659	113447
2/22/19 12:30 AM	0	79	659	113447
2/22/19 1:00 AM	0	80	659	113447
2/22/19 1:30 AM	0	80	659	113447
2/22/19 2:00 AM	0	80	659	113447
2/22/19 2:30 AM	0	80	659	113447
2/22/19 3:00 AM	0	80	658	113447
2/22/19 3:30 AM	0	80	658	113447
2/22/19 4:00 AM	0	80	658	113447
2/22/19 4:30 AM	0	80	658	113447
2/22/19 5:00 AM	0	80	658	113447
2/22/19 5:30 AM	0	80	658	113447
2/22/19 6:00 AM	0	80	658	113447
2/22/19 6:30 AM	0	81	657	113447
2/22/19 7:00 AM	0	81	657	113447
2/22/19 7:30 AM	0	81	657	113447
2/22/19 8:00 AM	0	81	657	113447
2/22/19 8:30 AM	0	81	657	113447
2/22/19 9:00 AM	0	81	657	113447
2/22/19 9:30 AM	0	81	657	113447
2/22/19 10:00 AM	0	81	656	113447
2/22/19 10:30 AM	0	81	656	113447
2/22/19 11:00 AM	0	82	656	113447
2/22/19 11:30 AM	0	82	656	113447
2/22/19 12:00 PM	0	82	656	113447
2/22/19 12:30 PM	0	82	655	113447
2/22/19 1:00 PM	0	82	655	113447
2/22/19 1:30 PM	0	82	655	113447
2/22/19 2:00 PM	0	82	655	113447
2/22/19 2:30 PM	0	83	655	113447
2/22/19 3:00 PM	0	83	655	113447
2/22/19 3:30 PM	0	83	654	113447
2/22/19 4:00 PM	0	83	654	113447
2/22/19 4:30 PM	0	83	654	113447
2/22/19 5:00 PM	0	83	654	113447
2/22/19 5:30 PM	0	83	654	113447
2/22/19 6:00 PM	0	83	654	113447
2/22/19 6:30 PM	0	83	654	113447
2/22/19 7:00 PM	0	83	653	113447
2/22/19 7:30 PM	0	84	653	113447
2/22/19 8:00 PM	0	84	653	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/22/19 8:30 PM	0	84	653	113447
2/22/19 9:00 PM	0	84	653	113447
2/22/19 9:30 PM	0	84	653	113447
2/22/19 10:00 PM	0	84	652	113447
2/22/19 10:30 PM	0	84	652	113447
2/22/19 11:00 PM	0	84	652	113447
2/22/19 11:30 PM	0	84	652	113447
2/23/19 12:00 AM	0	84	652	113447
2/23/19 12:30 AM	0	84	652	113447
2/23/19 1:00 AM	0	84	652	113447
2/23/19 1:30 AM	0	84	651	113447
2/23/19 2:00 AM	0	84	651	113447
2/23/19 2:30 AM	0	85	651	113447
2/23/19 3:00 AM	0	85	651	113447
2/23/19 3:30 AM	0	85	651	113447
2/23/19 4:00 AM	0	85	651	113447
2/23/19 4:30 AM	0	85	650	113447
2/23/19 5:00 AM	0	85	650	113447
2/23/19 5:30 AM	0	85	650	113447
2/23/19 6:00 AM	0	85	650	113447
2/23/19 6:30 AM	0	85	650	113447
2/23/19 7:00 AM	0	85	650	113447
2/23/19 7:30 AM	0	85	650	113447
2/23/19 8:00 AM	0	85	650	113447
2/23/19 8:30 AM	0	85	650	113447
2/23/19 9:00 AM	0	85	649	113447
2/23/19 9:30 AM	0	86	649	113447
2/23/19 10:00 AM	0	86	649	113447
2/23/19 10:30 AM	0	86	649	113447
2/23/19 11:00 AM	0	86	649	113447
2/23/19 11:30 AM	0	86	649	113447
2/23/19 12:00 PM	0	86	648	113447
2/23/19 12:30 PM	0	86	648	113447
2/23/19 1:00 PM	0	86	648	113447
2/23/19 1:30 PM	0	87	648	113447
2/23/19 2:00 PM	0	87	648	113447
2/23/19 2:30 PM	0	87	648	113447
2/23/19 3:00 PM	0	87	647	113447
2/23/19 3:30 PM	0	87	647	113447
2/23/19 4:00 PM	0	87	647	113447
2/23/19 4:30 PM	0	88	647	113447
2/23/19 5:00 PM	0	88	647	113447
2/23/19 5:30 PM	0	88	646	113447

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/23/19 6:00 PM	0	88	646	113447
2/23/19 6:30 PM	0	88	646	113447
2/23/19 7:00 PM	0	88	646	113447
2/23/19 7:30 PM	0	88	646	113447
2/23/19 8:00 PM	0	88	646	113447
2/23/19 8:30 PM	0	88	646	113447
2/23/19 9:00 PM	0	88	646	113447
2/23/19 9:30 PM	0	88	646	113447
2/23/19 10:00 PM	0	88	646	113447
2/23/19 10:30 PM	0	88	645	113447
2/23/19 11:00 PM	0	88	645	113447
2/23/19 11:30 PM	0	88	645	113447
2/24/19 12:00 AM	0	88	645	113447
2/24/19 12:30 AM	0	88	645	113447
2/24/19 1:00 AM	0	88	645	113447
2/24/19 1:30 AM	0	88	645	113447
2/24/19 2:00 AM	0	89	645	113447
2/24/19 2:30 AM	0	89	644	113447
2/24/19 3:00 AM	0	89	644	113447
2/24/19 3:30 AM	0	89	644	113447
2/24/19 4:00 AM	0	89	644	113447
2/24/19 4:30 AM	0	89	644	113447
2/24/19 5:00 AM	0	89	644	113447
2/24/19 5:30 AM	0	89	644	113447
2/24/19 6:00 AM	0	89	643	113447
2/24/19 6:30 AM	0	89	643	113447
2/24/19 7:00 AM	0	89	643	113447
2/24/19 7:30 AM	0	89	643	113447
2/24/19 8:00 AM	0	89	643	113447
2/24/19 8:30 AM	0	89	643	113447
2/24/19 9:00 AM	0	89	643	113447
2/24/19 9:30 AM	0	89	643	113447
2/24/19 10:00 AM	0	90	643	113447
2/24/19 10:30 AM	0	90	643	113447
2/24/19 11:00 AM	0	90	643	113447
2/24/19 11:30 AM	0	90	642	113447
2/24/19 12:00 PM	0	90	642	113447
2/24/19 12:30 PM	0	90	642	113447
2/24/19 1:00 PM	0	90	642	113447
2/24/19 1:30 PM	0	91	642	113447
2/24/19 2:00 PM	0	91	641	113447
2/24/19 2:30 PM	0	91	641	113447
2/24/19 3:00 PM	0	91	641	113447

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/24/19 3:30 PM	0	91	641	113447
2/24/19 4:00 PM	0	91	641	113447
2/24/19 4:30 PM	0	92	641	113447
2/24/19 5:00 PM	0	92	641	113447
2/24/19 5:30 PM	0	92	640	113447
2/24/19 6:00 PM	0	92	640	113447
2/24/19 6:30 PM	0	92	640	113447
2/24/19 7:00 PM	0	92	640	113447
2/24/19 7:30 PM	0	92	640	113447
2/24/19 8:00 PM	0	92	640	113447
2/24/19 8:30 PM	0	92	640	113447
2/24/19 9:00 PM	0	92	640	113447
2/24/19 9:30 PM	0	92	640	113447
2/24/19 10:00 PM	0	92	640	113447
2/24/19 10:30 PM	0	92	640	113447
2/24/19 11:00 PM	0	92	639	113447
2/24/19 11:30 PM	0	92	639	113447
2/25/19 12:00 AM	0	93	639	113447
2/25/19 12:30 AM	0	93	639	113447
2/25/19 1:00 AM	0	93	639	113447
2/25/19 1:30 AM	0	93	639	113447
2/25/19 2:00 AM	0	93	639	113447
2/25/19 2:30 AM	0	93	639	113447
2/25/19 3:00 AM	0	93	639	113447
2/25/19 3:30 AM	0	93	638	113447
2/25/19 4:00 AM	0	93	638	113447
2/25/19 4:30 AM	0	93	638	113447
2/25/19 5:00 AM	0	93	638	113447
2/25/19 5:30 AM	0	93	638	113447
2/25/19 6:00 AM	0	93	638	113447
2/25/19 6:30 AM	0	93	638	113447
2/25/19 7:00 AM	0	93	638	113447
2/25/19 7:30 AM	0	93	638	113447
2/25/19 8:00 AM	0	93	638	113447
2/25/19 8:30 AM	0	93	638	113447
2/25/19 9:00 AM	0	93	637	113447
2/25/19 9:30 AM	0	93	637	113447
2/25/19 10:00 AM	0	94	637	113447
2/25/19 10:30 AM	0	94	637	113447
2/25/19 11:00 AM	0	94	637	113447
2/25/19 11:30 AM	0	94	637	113447
2/25/19 12:00 PM	0	94	637	113447
2/25/19 12:30 PM	0	94	636	113447

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/25/19 1:00 PM	0	95	636	113447
2/25/19 1:30 PM	0	95	636	113447
2/25/19 2:00 PM	0	95	636	113447
2/25/19 2:30 PM	0	95	636	113447
2/25/19 3:00 PM	0	95	635	113447
2/25/19 3:30 PM	0	95	635	113447
2/25/19 4:00 PM	0	96	635	113447
2/25/19 4:30 PM	0	96	635	113447
2/25/19 5:00 PM	0	96	635	113447
2/25/19 5:30 PM	0	96	635	113447
2/25/19 6:00 PM	0	96	635	113447
2/25/19 6:30 PM	0	96	635	113447
2/25/19 7:00 PM	0	96	635	113447
2/25/19 7:30 PM	0	96	635	113447
2/25/19 8:00 PM	0	96	635	113447
2/25/19 8:30 PM	0	96	635	113447
2/25/19 9:00 PM	0	96	635	113447
2/25/19 9:30 PM	0	96	634	113447
2/25/19 10:00 PM	0	96	634	113447
2/25/19 10:30 PM	0	96	634	113447
2/25/19 11:00 PM	0	96	634	113447
2/25/19 11:30 PM	0	96	634	113447
2/26/19 12:00 AM	0	96	634	113447
2/26/19 12:30 AM	0	97	634	113447
2/26/19 1:00 AM	0	97	634	113447
2/26/19 1:30 AM	0	97	634	113447
2/26/19 2:00 AM	0	97	634	113447
2/26/19 2:30 AM	0	97	633	113447
2/26/19 3:00 AM	0	97	633	113447
2/26/19 3:30 AM	0	97	633	113447
2/26/19 4:00 AM	0	97	633	113447
2/26/19 4:30 AM	0	97	633	113447
2/26/19 5:00 AM	0	97	633	113447
2/26/19 5:30 AM	0	97	633	113447
2/26/19 6:00 AM	0	97	633	113447
2/26/19 6:30 AM	0	97	633	113447
2/26/19 7:00 AM	0	97	632	113447
2/26/19 7:30 AM	0	97	633	113447
2/26/19 8:00 AM	33	41	885	113467
2/26/19 8:30 AM	34	18	942	113490
2/26/19 9:00 AM	33	10	976	113514
2/26/19 9:30 AM	32	6	996	113538
2/26/19 10:00 AM	31	4	1012	113561

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/26/19 10:30 AM	35	3	1027	113584
2/26/19 11:00 AM	35	2	1040	113607
2/26/19 11:30 AM	32	1	1051	113631
2/26/19 12:00 PM	35	0	1060	113654
2/26/19 12:30 PM	34	0	1070	113677
2/26/19 1:00 PM	33	0	1080	113700
2/26/19 1:30 PM	32	-1	1085	113723
2/26/19 2:00 PM	34	-1	1094	113746
2/26/19 2:30 PM	32	-1	1104	113769
2/26/19 3:00 PM	35	-1	1112	113793
2/26/19 3:30 PM	33	-2	1123	113817
2/26/19 4:00 PM	32	-2	1130	113841
2/26/19 4:30 PM	34	-2	1136	113864
2/26/19 5:00 PM	33	-2	1142	113888
2/26/19 5:30 PM	36	-2	1148	113912
2/26/19 6:00 PM	32	-2	1153	113936
2/26/19 6:30 PM	32	-2	1156	113959
2/26/19 7:00 PM	32	-2	1160	113983
2/26/19 7:30 PM	33	-2	1164	114006
2/26/19 8:00 PM	32	-2	1169	114029
2/26/19 8:30 PM	30	-2	1176	114053
2/26/19 9:00 PM	32	-2	1180	114077
2/26/19 9:30 PM	33	-2	1184	114100
2/26/19 10:00 PM	34	-2	1190	114124
2/26/19 10:30 PM	33	-3	1194	114147
2/26/19 11:00 PM	32	-3	1198	114171
2/26/19 11:30 PM	35	-3	1202	114195
2/27/19 12:00 AM	34	-3	1206	114219
2/27/19 12:30 AM	35	-3	1210	114243
2/27/19 1:00 AM	34	-3	1214	114267
2/27/19 1:30 AM	33	-3	1215	114290
2/27/19 2:00 AM	35	-3	1219	114314
2/27/19 2:30 AM	31	-3	1221	114338
2/27/19 3:00 AM	33	-3	1223	114361
2/27/19 3:30 AM	35	-3	1230	114385
2/27/19 4:00 AM	35	-3	1235	114409
2/27/19 4:30 AM	31	-3	1238	114433
2/27/19 5:00 AM	31	-3	1241	114456
2/27/19 5:30 AM	35	-3	1244	114480
2/27/19 6:00 AM	34	-3	1247	114504
2/27/19 6:30 AM	35	-3	1250	114528
2/27/19 7:00 AM	31	-3	1254	114551
2/27/19 7:30 AM	34	-3	1259	114575

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
2/27/19 8:00 AM	33	-3	1263	114599
2/27/19 8:30 AM	34	-3	1265	114623
2/27/19 9:00 AM	33	-3	1266	114647
2/27/19 9:30 AM	31	-3	1270	114670
2/27/19 10:00 AM	31	-3	1272	114694
2/27/19 10:30 AM	33	-3	1273	114717
2/27/19 11:00 AM	34	-3	1275	114741
2/27/19 11:30 AM	31	-3	1278	114764
2/27/19 12:00 PM	31	-3	1280	114787
2/27/19 12:30 PM	34	-3	1282	114810
2/27/19 1:00 PM	32	-3	1284	114833
2/27/19 1:30 PM	33	-3	1286	114856
2/27/19 2:00 PM	32	-3	1288	114879
2/27/19 2:30 PM	31	-3	1290	114902
2/27/19 3:00 PM	33	-3	1291	114925
2/27/19 3:30 PM	32	-3	1294	114948
2/27/19 4:00 PM	31	-3	1296	114971
2/27/19 4:30 PM	33	-3	1301	114994
2/27/19 5:00 PM	31	-3	1305	115017
2/27/19 5:30 PM	34	-3	1309	115040
2/27/19 6:00 PM	34	-3	1312	115064
2/27/19 6:30 PM	31	-3	1315	115087
2/27/19 7:00 PM	33	-3	1319	115111
2/27/19 7:30 PM	33	-3	1323	115134
2/27/19 8:00 PM	34	-3	1325	115158
2/27/19 8:30 PM	32	-3	1326	115181
2/27/19 9:00 PM	32	-3	1328	115204
2/27/19 9:30 PM	33	-3	1331	115227
2/27/19 10:00 PM	33	-3	1334	115251
2/27/19 10:30 PM	34	-3	1336	115274
2/27/19 11:00 PM	33	-3	1339	115297
2/27/19 11:30 PM	32	-3	1343	115321
2/28/19 12:00 AM	31	-3	1347	115344
2/28/19 12:30 AM	32	-3	1350	115368
2/28/19 1:00 AM	33	-3	1353	115392
2/28/19 1:30 AM	31	-3	1355	115415
2/28/19 2:00 AM	31	-3	1357	115439
2/28/19 2:30 AM	32	-3	1360	115462
2/28/19 3:00 AM	34	-3	1364	115486
2/28/19 3:30 AM	34	-3	1366	115510
2/28/19 4:00 AM	34	-3	1369	115533
2/28/19 4:30 AM	32	-3	1371	115557
2/28/19 5:00 AM	34	-3	1375	115581

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
2/28/19 5:30 AM	34	-3	1378	115604
2/28/19 6:00 AM	32	-3	1381	115628
2/28/19 6:30 AM	0	-3	1236	115647
2/28/19 7:00 AM	0	-3	1123	115647
2/28/19 7:30 AM	0	-2	1081	115647
2/28/19 8:00 AM	0	-1	1053	115647
2/28/19 8:30 AM	0	-1	1031	115647
2/28/19 9:00 AM	0	0	1013	115647
2/28/19 9:30 AM	0	0	998	115647
2/28/19 10:00 AM	0	1	985	115647
2/28/19 10:30 AM	0	2	974	115647
2/28/19 11:00 AM	0	2	964	115647
2/28/19 11:30 AM	0	3	954	115647
2/28/19 12:00 PM	0	3	946	115647
2/28/19 12:30 PM	0	4	938	115647
2/28/19 1:00 PM	0	4	931	115647
2/28/19 1:30 PM	0	5	925	115647
2/28/19 2:00 PM	0	5	918	115647
2/28/19 2:30 PM	0	6	913	115647
2/28/19 3:00 PM	0	6	907	115647
2/28/19 3:30 PM	0	7	902	115647
2/28/19 4:00 PM	0	7	897	115647
2/28/19 4:30 PM	0	7	893	115647
2/28/19 5:00 PM	0	8	889	115647
2/28/19 5:30 PM	0	9	885	115647
2/28/19 6:00 PM	0	9	881	115647
2/28/19 6:30 PM	0	9	877	115647
2/28/19 7:00 PM	0	10	873	115647
2/28/19 7:30 PM	0	10	870	115647
2/28/19 8:00 PM	0	11	867	115647
2/28/19 8:30 PM	0	11	864	115647
2/28/19 9:00 PM	0	12	860	115647
2/28/19 9:30 PM	0	12	857	115647
2/28/19 10:00 PM	0	12	855	115647
2/28/19 10:30 PM	0	13	852	115647
2/28/19 11:00 PM	0	13	849	115647
2/28/19 11:30 PM	0	14	847	115647
3/1/19 12:00 AM	0	14	844	115647
3/1/19 12:30 AM	0	14	842	115647
3/1/19 1:00 AM	0	15	839	115647
3/1/19 1:30 AM	0	15	837	115647
3/1/19 2:00 AM	0	16	835	115647
3/1/19 2:30 AM	0	16	833	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/1/19 3:00 AM	0	16	831	115647
3/1/19 3:30 AM	0	17	829	115647
3/1/19 4:00 AM	0	17	826	115647
3/1/19 4:30 AM	0	17	825	115647
3/1/19 5:00 AM	0	18	823	115647
3/1/19 5:30 AM	0	18	821	115647
3/1/19 6:00 AM	0	19	819	115647
3/1/19 6:30 AM	0	19	817	115647
3/1/19 7:00 AM	0	19	816	115647
3/1/19 7:30 AM	0	20	814	115647
3/1/19 8:00 AM	0	20	812	115647
3/1/19 8:30 AM	0	20	811	115647
3/1/19 9:00 AM	0	21	809	115647
3/1/19 9:30 AM	0	21	808	115647
3/1/19 10:00 AM	0	21	806	115647
3/1/19 10:30 AM	0	22	805	115647
3/1/19 11:00 AM	0	22	803	115647
3/1/19 11:30 AM	0	22	802	115647
3/1/19 12:00 PM	0	23	800	115647
3/1/19 12:30 PM	0	23	799	115647
3/1/19 1:00 PM	0	23	797	115647
3/1/19 1:30 PM	0	24	796	115647
3/1/19 2:00 PM	0	24	795	115647
3/1/19 2:30 PM	0	24	793	115647
3/1/19 3:00 PM	0	25	792	115647
3/1/19 3:30 PM	0	25	791	115647
3/1/19 4:00 PM	0	26	790	115647
3/1/19 4:30 PM	0	26	789	115647
3/1/19 5:00 PM	0	26	787	115647
3/1/19 5:30 PM	0	27	786	115647
3/1/19 6:00 PM	0	27	785	115647
3/1/19 6:30 PM	0	27	784	115647
3/1/19 7:00 PM	0	28	783	115647
3/1/19 7:30 PM	0	28	782	115647
3/1/19 8:00 PM	0	28	781	115647
3/1/19 8:30 PM	0	28	780	115647
3/1/19 9:00 PM	0	29	779	115647
3/1/19 9:30 PM	0	29	778	115647
3/1/19 10:00 PM	0	29	777	115647
3/1/19 10:30 PM	0	30	776	115647
3/1/19 11:00 PM	0	30	775	115647
3/1/19 11:30 PM	0	30	774	115647
3/2/19 12:00 AM	0	31	773	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/2/19 12:30 AM	0	31	772	115647
3/2/19 1:00 AM	0	31	771	115647
3/2/19 1:30 AM	0	31	770	115647
3/2/19 2:00 AM	0	32	770	115647
3/2/19 2:30 AM	0	32	769	115647
3/2/19 3:00 AM	0	32	768	115647
3/2/19 3:30 AM	0	33	767	115647
3/2/19 4:00 AM	0	33	766	115647
3/2/19 4:30 AM	0	33	765	115647
3/2/19 5:00 AM	0	33	765	115647
3/2/19 5:30 AM	0	34	764	115647
3/2/19 6:00 AM	0	34	763	115647
3/2/19 6:30 AM	0	34	762	115647
3/2/19 7:00 AM	0	35	761	115647
3/2/19 7:30 AM	0	35	761	115647
3/2/19 8:00 AM	0	35	760	115647
3/2/19 8:30 AM	0	35	759	115647
3/2/19 9:00 AM	0	36	758	115647
3/2/19 9:30 AM	0	36	758	115647
3/2/19 10:00 AM	0	36	757	115647
3/2/19 10:30 AM	0	36	756	115647
3/2/19 11:00 AM	0	37	755	115647
3/2/19 11:30 AM	0	37	755	115647
3/2/19 12:00 PM	0	37	754	115647
3/2/19 12:30 PM	0	37	753	115647
3/2/19 1:00 PM	0	38	753	115647
3/2/19 1:30 PM	0	38	752	115647
3/2/19 2:00 PM	0	38	751	115647
3/2/19 2:30 PM	0	39	751	115647
3/2/19 3:00 PM	0	39	750	115647
3/2/19 3:30 PM	0	39	749	115647
3/2/19 4:00 PM	0	39	749	115647
3/2/19 4:30 PM	0	40	748	115647
3/2/19 5:00 PM	0	40	748	115647
3/2/19 5:30 PM	0	40	747	115647
3/2/19 6:00 PM	0	40	746	115647
3/2/19 6:30 PM	0	41	746	115647
3/2/19 7:00 PM	0	41	745	115647
3/2/19 7:30 PM	0	41	744	115647
3/2/19 8:00 PM	0	41	744	115647
3/2/19 8:30 PM	0	42	743	115647
3/2/19 9:00 PM	0	42	743	115647
3/2/19 9:30 PM	0	42	742	115647

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/2/19 10:00 PM	0	42	742	115647
3/2/19 10:30 PM	0	43	741	115647
3/2/19 11:00 PM	0	43	741	115647
3/2/19 11:30 PM	0	43	740	115647
3/3/19 12:00 AM	0	43	739	115647
3/3/19 12:30 AM	0	44	739	115647
3/3/19 1:00 AM	0	44	738	115647
3/3/19 1:30 AM	0	44	738	115647
3/3/19 2:00 AM	0	44	737	115647
3/3/19 2:30 AM	0	44	737	115647
3/3/19 3:00 AM	0	45	736	115647
3/3/19 3:30 AM	0	45	736	115647
3/3/19 4:00 AM	0	45	735	115647
3/3/19 4:30 AM	0	45	735	115647
3/3/19 5:00 AM	0	46	734	115647
3/3/19 5:30 AM	0	46	734	115647
3/3/19 6:00 AM	0	46	733	115647
3/3/19 6:30 AM	0	46	733	115647
3/3/19 7:00 AM	0	46	732	115647
3/3/19 7:30 AM	0	47	732	115647
3/3/19 8:00 AM	0	47	731	115647
3/3/19 8:30 AM	0	47	731	115647
3/3/19 9:00 AM	0	47	730	115647
3/3/19 9:30 AM	0	48	730	115647
3/3/19 10:00 AM	0	48	730	115647
3/3/19 10:30 AM	0	48	729	115647
3/3/19 11:00 AM	0	48	729	115647
3/3/19 11:30 AM	0	48	727	115647
3/3/19 12:00 PM	0	49	728	115647
3/3/19 12:30 PM	0	49	727	115647
3/3/19 1:00 PM	0	49	726	115647
3/3/19 1:30 PM	0	49	726	115647
3/3/19 2:00 PM	0	50	726	115647
3/3/19 2:30 PM	0	50	725	115647
3/3/19 3:00 PM	0	50	725	115647
3/3/19 3:30 PM	0	50	724	115647
3/3/19 4:00 PM	0	50	724	115647
3/3/19 4:30 PM	0	51	723	115647
3/3/19 5:00 PM	0	51	723	115647
3/3/19 5:30 PM	0	51	723	115647
3/3/19 6:00 PM	0	51	722	115647
3/3/19 6:30 PM	0	52	722	115647
3/3/19 7:00 PM	0	52	722	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/3/19 7:30 PM	0	52	721	115647
3/3/19 8:00 PM	0	52	721	115647
3/3/19 8:30 PM	0	52	720	115647
3/3/19 9:00 PM	0	53	720	115647
3/3/19 9:30 PM	0	53	720	115647
3/3/19 10:00 PM	0	53	719	115647
3/3/19 10:30 PM	0	53	719	115647
3/3/19 11:00 PM	0	53	718	115647
3/3/19 11:30 PM	0	53	718	115647
3/4/19 12:00 AM	0	54	718	115647
3/4/19 12:30 AM	0	54	717	115647
3/4/19 1:00 AM	0	54	717	115647
3/4/19 1:30 AM	0	54	717	115647
3/4/19 2:00 AM	0	54	716	115647
3/4/19 2:30 AM	0	55	716	115647
3/4/19 3:00 AM	0	55	716	115647
3/4/19 3:30 AM	0	55	715	115647
3/4/19 4:00 AM	0	55	715	115647
3/4/19 4:30 AM	0	55	715	115647
3/4/19 5:00 AM	0	55	714	115647
3/4/19 5:30 AM	0	56	714	115647
3/4/19 6:00 AM	0	56	713	115647
3/4/19 6:30 AM	0	56	713	115647
3/4/19 7:00 AM	0	56	713	115647
3/4/19 7:30 AM	0	56	712	115647
3/4/19 8:00 AM	0	56	712	115647
3/4/19 8:30 AM	0	57	712	115647
3/4/19 9:00 AM	0	57	712	115647
3/4/19 9:30 AM	0	57	711	115647
3/4/19 10:00 AM	0	57	711	115647
3/4/19 10:30 AM	0	57	710	115647
3/4/19 11:00 AM	0	58	710	115647
3/4/19 11:30 AM	0	58	709	115647
3/4/19 12:00 PM	0	58	709	115647
3/4/19 12:30 PM	0	58	709	115647
3/4/19 1:00 PM	0	58	709	115647
3/4/19 1:30 PM	0	59	708	115647
3/4/19 2:00 PM	0	59	708	115647
3/4/19 2:30 PM	0	59	707	115647
3/4/19 3:00 PM	0	59	707	115647
3/4/19 3:30 PM	0	59	707	115647
3/4/19 4:00 PM	0	60	707	115647
3/4/19 4:30 PM	0	60	706	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/4/19 5:00 PM	0	60	706	115647
3/4/19 5:30 PM	0	60	706	115647
3/4/19 6:00 PM	0	60	705	115647
3/4/19 6:30 PM	0	60	705	115647
3/4/19 7:00 PM	0	61	705	115647
3/4/19 7:30 PM	0	61	704	115647
3/4/19 8:00 PM	0	61	704	115647
3/4/19 8:30 PM	0	61	704	115647
3/4/19 9:00 PM	0	61	704	115647
3/4/19 9:30 PM	0	61	703	115647
3/4/19 10:00 PM	0	62	703	115647
3/4/19 10:30 PM	0	62	703	115647
3/4/19 11:00 PM	0	62	702	115647
3/4/19 11:30 PM	0	62	702	115647
3/5/19 12:00 AM	0	62	702	115647
3/5/19 12:30 AM	0	62	702	115647
3/5/19 1:00 AM	0	62	701	115647
3/5/19 1:30 AM	0	62	701	115647
3/5/19 2:00 AM	0	63	701	115647
3/5/19 2:30 AM	0	63	701	115647
3/5/19 3:00 AM	0	63	700	115647
3/5/19 3:30 AM	0	63	700	115647
3/5/19 4:00 AM	0	63	700	115647
3/5/19 4:30 AM	0	63	699	115647
3/5/19 5:00 AM	0	63	699	115647
3/5/19 5:30 AM	0	63	699	115647
3/5/19 6:00 AM	0	64	698	115647
3/5/19 6:30 AM	0	64	698	115647
3/5/19 7:00 AM	0	64	698	115647
3/5/19 7:30 AM	0	64	698	115647
3/5/19 8:00 AM	0	64	698	115647
3/5/19 8:30 AM	0	64	697	115647
3/5/19 9:00 AM	0	65	697	115647
3/5/19 9:30 AM	0	65	697	115647
3/5/19 10:00 AM	0	65	696	115647
3/5/19 10:30 AM	0	65	696	115647
3/5/19 11:00 AM	0	65	696	115647
3/5/19 11:30 AM	0	66	696	115647
3/5/19 12:00 PM	0	66	695	115647
3/5/19 12:30 PM	0	66	695	115647
3/5/19 1:00 PM	0	66	695	115647
3/5/19 1:30 PM	0	66	694	115647
3/5/19 2:00 PM	0	67	694	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/5/19 2:30 PM	0	67	694	115647
3/5/19 3:00 PM	0	67	694	115647
3/5/19 3:30 PM	0	67	693	115647
3/5/19 4:00 PM	0	67	693	115647
3/5/19 4:30 PM	0	67	693	115647
3/5/19 5:00 PM	0	68	693	115647
3/5/19 5:30 PM	0	68	692	115647
3/5/19 6:00 PM	0	68	692	115647
3/5/19 6:30 PM	0	68	692	115647
3/5/19 7:00 PM	0	68	692	115647
3/5/19 7:30 PM	0	68	692	115647
3/5/19 8:00 PM	0	68	691	115647
3/5/19 8:30 PM	0	69	691	115647
3/5/19 9:00 PM	0	69	691	115647
3/5/19 9:30 PM	0	69	691	115647
3/5/19 10:00 PM	0	69	690	115647
3/5/19 10:30 PM	0	69	690	115647
3/5/19 11:00 PM	0	69	690	115647
3/5/19 11:30 PM	0	69	690	115647
3/6/19 12:00 AM	0	70	689	115647
3/6/19 12:30 AM	0	70	689	115647
3/6/19 1:00 AM	0	70	689	115647
3/6/19 1:30 AM	0	70	689	115647
3/6/19 2:00 AM	0	70	688	115647
3/6/19 2:30 AM	0	70	688	115647
3/6/19 3:00 AM	0	70	688	115647
3/6/19 3:30 AM	0	70	688	115647
3/6/19 4:00 AM	0	71	688	115647
3/6/19 4:30 AM	0	71	687	115647
3/6/19 5:00 AM	0	71	687	115647
3/6/19 5:30 AM	0	71	687	115647
3/6/19 6:00 AM	0	71	687	115647
3/6/19 6:30 AM	0	71	687	115647
3/6/19 7:00 AM	0	71	686	115647
3/6/19 7:30 AM	0	71	686	115647
3/6/19 8:00 AM	0	71	686	115647
3/6/19 8:30 AM	0	72	686	115647
3/6/19 9:00 AM	0	72	685	115647
3/6/19 9:30 AM	0	72	685	115647
3/6/19 10:00 AM	0	72	685	115647
3/6/19 10:30 AM	0	72	685	115647
3/6/19 11:00 AM	0	72	685	115647
3/6/19 11:30 AM	0	72	684	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/6/19 12:00 PM	0	73	684	115647
3/6/19 12:30 PM	0	73	684	115647
3/6/19 1:00 PM	0	73	684	115647
3/6/19 1:30 PM	0	73	683	115647
3/6/19 2:00 PM	0	73	683	115647
3/6/19 2:30 PM	0	73	683	115647
3/6/19 3:00 PM	0	74	683	115647
3/6/19 3:30 PM	0	74	682	115647
3/6/19 4:00 PM	0	74	682	115647
3/6/19 4:30 PM	0	74	682	115647
3/6/19 5:00 PM	0	74	682	115647
3/6/19 5:30 PM	0	74	682	115647
3/6/19 6:00 PM	0	74	682	115647
3/6/19 6:30 PM	0	74	681	115647
3/6/19 7:00 PM	0	75	681	115647
3/6/19 7:30 PM	0	75	681	115647
3/6/19 8:00 PM	0	75	681	115647
3/6/19 8:30 PM	0	75	681	115647
3/6/19 9:00 PM	0	75	680	115647
3/6/19 9:30 PM	0	75	680	115647
3/6/19 10:00 PM	0	75	680	115647
3/6/19 10:30 PM	0	75	680	115647
3/6/19 11:00 PM	0	75	680	115647
3/6/19 11:30 PM	0	76	680	115647
3/7/19 12:00 AM	0	76	679	115647
3/7/19 12:30 AM	0	76	679	115647
3/7/19 1:00 AM	0	76	679	115647
3/7/19 1:30 AM	0	76	679	115647
3/7/19 2:00 AM	0	76	678	115647
3/7/19 2:30 AM	0	76	678	115647
3/7/19 3:00 AM	0	76	678	115647
3/7/19 3:30 AM	0	76	678	115647
3/7/19 4:00 AM	0	77	678	115647
3/7/19 4:30 AM	0	77	678	115647
3/7/19 5:00 AM	0	77	677	115647
3/7/19 5:30 AM	0	77	677	115647
3/7/19 6:00 AM	0	77	677	115647
3/7/19 6:30 AM	0	77	677	115647
3/7/19 7:00 AM	0	77	677	115647
3/7/19 7:30 AM	0	77	677	115647
3/7/19 8:00 AM	0	77	676	115647
3/7/19 8:30 AM	0	77	676	115647
3/7/19 9:00 AM	0	78	676	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/7/19 9:30 AM	0	78	676	115647
3/7/19 10:00 AM	0	78	676	115647
3/7/19 10:30 AM	0	78	675	115647
3/7/19 11:00 AM	0	78	675	115647
3/7/19 11:30 AM	0	78	675	115647
3/7/19 12:00 PM	0	78	675	115647
3/7/19 12:30 PM	0	79	675	115647
3/7/19 1:00 PM	0	79	674	115647
3/7/19 1:30 PM	0	79	674	115647
3/7/19 2:00 PM	0	79	674	115647
3/7/19 2:30 PM	0	79	674	115647
3/7/19 3:00 PM	0	79	674	115647
3/7/19 3:30 PM	0	79	674	115647
3/7/19 4:00 PM	0	80	673	115647
3/7/19 4:30 PM	0	80	673	115647
3/7/19 5:00 PM	0	80	673	115647
3/7/19 5:30 PM	0	80	673	115647
3/7/19 6:00 PM	0	80	672	115647
3/7/19 6:30 PM	0	80	672	115647
3/7/19 7:00 PM	0	80	672	115647
3/7/19 7:30 PM	0	80	672	115647
3/7/19 8:00 PM	0	80	672	115647
3/7/19 8:30 PM	0	81	672	115647
3/7/19 9:00 PM	0	81	672	115647
3/7/19 9:30 PM	0	81	672	115647
3/7/19 10:00 PM	0	81	671	115647
3/7/19 10:30 PM	0	81	671	115647
3/7/19 11:00 PM	0	81	671	115647
3/7/19 11:30 PM	0	81	671	115647
3/8/19 12:00 AM	0	81	671	115647
3/8/19 12:30 AM	0	81	670	115647
3/8/19 1:00 AM	0	81	670	115647
3/8/19 1:30 AM	0	81	670	115647
3/8/19 2:00 AM	0	81	670	115647
3/8/19 2:30 AM	0	82	670	115647
3/8/19 3:00 AM	0	82	670	115647
3/8/19 3:30 AM	0	82	670	115647
3/8/19 4:00 AM	0	82	669	115647
3/8/19 4:30 AM	0	82	669	115647
3/8/19 5:00 AM	0	82	669	115647
3/8/19 5:30 AM	0	82	669	115647
3/8/19 6:00 AM	0	82	669	115647
3/8/19 6:30 AM	0	82	669	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/8/19 7:00 AM	0	82	668	115647
3/8/19 7:30 AM	0	82	668	115647
3/8/19 8:00 AM	0	83	668	115647
3/8/19 8:30 AM	0	83	668	115647
3/8/19 9:00 AM	0	83	668	115647
3/8/19 9:30 AM	0	83	668	115647
3/8/19 10:00 AM	0	83	668	115647
3/8/19 10:30 AM	0	83	667	115647
3/8/19 11:00 AM	0	83	667	115647
3/8/19 11:30 AM	0	83	667	115647
3/8/19 12:00 PM	0	84	667	115647
3/8/19 12:30 PM	0	84	667	115647
3/8/19 1:00 PM	0	84	667	115647
3/8/19 1:30 PM	0	84	666	115647
3/8/19 2:00 PM	0	84	666	115647
3/8/19 2:30 PM	0	84	666	115647
3/8/19 3:00 PM	0	84	666	115647
3/8/19 3:30 PM	0	84	666	115647
3/8/19 4:00 PM	0	85	665	115647
3/8/19 4:30 PM	0	85	665	115647
3/8/19 5:00 PM	0	85	665	115647
3/8/19 5:30 PM	0	85	665	115647
3/8/19 6:00 PM	0	85	665	115647
3/8/19 6:30 PM	0	85	665	115647
3/8/19 7:00 PM	0	85	665	115647
3/8/19 7:30 PM	0	85	665	115647
3/8/19 8:00 PM	0	85	665	115647
3/8/19 8:30 PM	0	85	664	115647
3/8/19 9:00 PM	0	85	664	115647
3/8/19 9:30 PM	0	85	664	115647
3/8/19 10:00 PM	0	85	664	115647
3/8/19 10:30 PM	0	85	664	115647
3/8/19 11:00 PM	0	85	664	115647
3/8/19 11:30 PM	0	85	664	115647
3/9/19 12:00 AM	0	86	663	115647
3/9/19 12:30 AM	0	86	663	115647
3/9/19 1:00 AM	0	86	663	115647
3/9/19 1:30 AM	0	86	663	115647
3/9/19 2:00 AM	0	86	663	115647
3/9/19 2:30 AM	0	86	662	115647
3/9/19 3:00 AM	0	86	662	115647
3/9/19 3:30 AM	0	86	662	115647
3/9/19 4:00 AM	0	86	662	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/9/19 4:30 AM	0	86	662	115647
3/9/19 5:00 AM	0	86	662	115647
3/9/19 5:30 AM	0	86	662	115647
3/9/19 6:00 AM	0	86	662	115647
3/9/19 6:30 AM	0	86	661	115647
3/9/19 7:00 AM	0	86	661	115647
3/9/19 7:30 AM	0	86	661	115647
3/9/19 8:00 AM	0	87	661	115647
3/9/19 8:30 AM	0	87	661	115647
3/9/19 9:00 AM	0	87	661	115647
3/9/19 9:30 AM	0	87	661	115647
3/9/19 10:00 AM	0	87	660	115647
3/9/19 10:30 AM	0	87	660	115647
3/9/19 11:00 AM	0	87	660	115647
3/9/19 11:30 AM	0	88	660	115647
3/9/19 12:00 PM	0	88	660	115647
3/9/19 12:30 PM	0	88	660	115647
3/9/19 1:00 PM	0	88	660	115647
3/9/19 1:30 PM	0	88	659	115647
3/9/19 2:00 PM	0	88	659	115647
3/9/19 2:30 PM	0	88	659	115647
3/9/19 3:00 PM	0	89	659	115647
3/9/19 3:30 PM	0	89	659	115647
3/9/19 4:00 PM	0	89	659	115647
3/9/19 4:30 PM	0	89	658	115647
3/9/19 5:00 PM	0	89	658	115647
3/9/19 5:30 PM	0	89	658	115647
3/9/19 6:00 PM	0	89	658	115647
3/9/19 6:30 PM	0	89	658	115647
3/9/19 7:00 PM	0	89	658	115647
3/9/19 7:30 PM	0	90	658	115647
3/9/19 8:00 PM	0	90	658	115647
3/9/19 8:30 PM	0	90	658	115647
3/9/19 9:00 PM	0	90	658	115647
3/9/19 9:30 PM	0	90	657	115647
3/9/19 10:00 PM	0	90	657	115647
3/9/19 10:30 PM	0	90	657	115647
3/9/19 11:00 PM	0	90	657	115647
3/9/19 11:30 PM	0	90	657	115647
3/10/19 12:00 AM	0	90	657	115647
3/10/19 12:30 AM	0	90	657	115647
3/10/19 1:00 AM	0	90	656	115647
3/10/19 1:30 AM	0	90	656	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/10/19 3:00 AM	0	90	656	115647
3/10/19 3:30 AM	0	90	656	115647
3/10/19 4:00 AM	0	90	656	115647
3/10/19 4:30 AM	0	90	656	115647
3/10/19 5:00 AM	0	90	656	115647
3/10/19 5:30 AM	0	90	656	115647
3/10/19 6:00 AM	0	90	655	115647
3/10/19 6:30 AM	0	90	655	115647
3/10/19 7:00 AM	0	90	655	115647
3/10/19 7:30 AM	0	91	655	115647
3/10/19 8:00 AM	0	91	655	115647
3/10/19 8:30 AM	0	91	655	115647
3/10/19 9:00 AM	0	91	655	115647
3/10/19 9:30 AM	0	91	655	115647
3/10/19 10:00 AM	0	91	655	115647
3/10/19 10:30 AM	0	91	655	115647
3/10/19 11:00 AM	0	91	654	115647
3/10/19 11:30 AM	0	91	654	115647
3/10/19 12:00 PM	0	92	654	115647
3/10/19 12:30 PM	0	92	654	115647
3/10/19 1:00 PM	0	92	654	115647
3/10/19 1:30 PM	0	92	653	115647
3/10/19 2:00 PM	0	92	653	115647
3/10/19 2:30 PM	0	92	653	115647
3/10/19 3:00 PM	0	92	653	115647
3/10/19 3:30 PM	0	93	653	115647
3/10/19 4:00 PM	0	93	653	115647
3/10/19 4:30 PM	0	93	653	115647
3/10/19 5:00 PM	0	93	653	115647
3/10/19 5:30 PM	0	93	652	115647
3/10/19 6:00 PM	0	93	652	115647
3/10/19 6:30 PM	0	93	652	115647
3/10/19 7:00 PM	0	93	652	115647
3/10/19 7:30 PM	0	93	652	115647
3/10/19 8:00 PM	0	94	652	115647
3/10/19 8:30 PM	0	94	652	115647
3/10/19 9:00 PM	0	94	652	115647
3/10/19 9:30 PM	0	94	652	115647
3/10/19 10:00 PM	0	94	652	115647
3/10/19 10:30 PM	0	94	651	115647
3/10/19 11:00 PM	0	94	651	115647
3/10/19 11:30 PM	0	94	651	115647
3/11/19 12:00 AM	0	94	651	115647

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/11/19 12:30 AM	0	94	651	115647
3/11/19 1:00 AM	0	94	651	115647
3/11/19 1:30 AM	0	94	651	115647
3/11/19 2:00 AM	0	94	651	115647
3/11/19 2:30 AM	0	94	650	115647
3/11/19 3:00 AM	0	94	650	115647
3/11/19 3:30 AM	0	94	650	115647
3/11/19 4:00 AM	0	94	650	115647
3/11/19 4:30 AM	0	94	650	115647
3/11/19 5:00 AM	0	94	650	115647
3/11/19 5:30 AM	0	94	650	115647
3/11/19 6:00 AM	0	94	650	115647
3/11/19 6:30 AM	0	95	650	115647
3/11/19 7:00 AM	0	95	649	115647
3/11/19 7:30 AM	0	95	649	115647
3/11/19 8:00 AM	0	95	649	115647
3/11/19 8:30 AM	0	95	649	115647
3/11/19 9:00 AM	0	95	649	115647
3/11/19 9:30 AM	0	95	649	115647
3/11/19 10:00 AM	0	95	649	115647
3/11/19 10:30 AM	0	95	649	115647
3/11/19 11:00 AM	0	95	649	115647
3/11/19 11:30 AM	0	95	648	115647
3/11/19 12:00 PM	0	95	648	115647
3/11/19 12:30 PM	0	96	648	115647
3/11/19 1:00 PM	0	96	648	115647
3/11/19 1:30 PM	0	96	648	115647
3/11/19 2:00 PM	0	96	648	115647
3/11/19 2:30 PM	0	96	648	115647
3/11/19 3:00 PM	0	96	648	115647
3/11/19 3:30 PM	0	96	647	115647
3/11/19 4:00 PM	0	96	647	115647
3/11/19 4:30 PM	0	96	647	115647
3/11/19 5:00 PM	0	96	647	115647
3/11/19 5:30 PM	0	97	647	115647
3/11/19 6:00 PM	0	97	647	115647
3/11/19 6:30 PM	0	97	647	115647
3/11/19 7:00 PM	0	97	647	115647
3/11/19 7:30 PM	0	97	647	115647
3/11/19 8:00 PM	0	97	646	115647
3/11/19 8:30 PM	0	97	646	115647
3/11/19 9:00 PM	0	97	646	115647
3/11/19 9:30 PM	0	97	646	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/11/19 10:00 PM	0	97	646	115647
3/11/19 10:30 PM	0	97	646	115647
3/11/19 11:00 PM	0	97	646	115647
3/11/19 11:30 PM	0	97	646	115647
3/12/19 12:00 AM	0	97	646	115647
3/12/19 12:30 AM	0	97	646	115647
3/12/19 1:00 AM	0	97	646	115647
3/12/19 1:30 AM	0	97	645	115647
3/12/19 2:00 AM	0	97	645	115647
3/12/19 2:30 AM	0	97	645	115647
3/12/19 3:00 AM	0	97	645	115647
3/12/19 3:30 AM	0	97	645	115647
3/12/19 4:00 AM	0	98	645	115647
3/12/19 4:30 AM	0	98	645	115647
3/12/19 5:00 AM	0	98	645	115647
3/12/19 5:30 AM	0	98	645	115647
3/12/19 6:00 AM	0	98	644	115647
3/12/19 6:30 AM	0	98	644	115647
3/12/19 7:00 AM	0	98	644	115647
3/12/19 7:30 AM	0	98	644	115647
3/12/19 8:00 AM	0	98	644	115647
3/12/19 8:30 AM	0	98	644	115647
3/12/19 9:00 AM	0	98	644	115647
3/12/19 9:30 AM	0	98	644	115647
3/12/19 10:00 AM	0	98	644	115647
3/12/19 10:30 AM	0	98	644	115647
3/12/19 11:00 AM	0	98	643	115647
3/12/19 11:30 AM	0	99	643	115647
3/12/19 12:00 PM	0	99	643	115647
3/12/19 12:30 PM	0	99	643	115647
3/12/19 1:00 PM	0	99	643	115647
3/12/19 1:30 PM	0	99	643	115647
3/12/19 2:00 PM	0	99	643	115647
3/12/19 2:30 PM	0	99	643	115647
3/12/19 3:00 PM	0	99	643	115647
3/12/19 3:30 PM	0	99	643	115647
3/12/19 4:00 PM	0	99	642	115647
3/12/19 4:30 PM	0	99	642	115647
3/12/19 5:00 PM	0	99	642	115647
3/12/19 5:30 PM	0	99	642	115647
3/12/19 6:00 PM	0	99	642	115647
3/12/19 6:30 PM	0	100	642	115647
3/12/19 7:00 PM	0	100	642	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/12/19 7:30 PM	0	100	642	115647
3/12/19 8:00 PM	0	100	642	115647
3/12/19 8:30 PM	0	100	642	115647
3/12/19 9:00 PM	0	100	642	115647
3/12/19 9:30 PM	0	100	641	115647
3/12/19 10:00 PM	0	100	641	115647
3/12/19 10:30 PM	0	100	641	115647
3/12/19 11:00 PM	0	100	641	115647
3/12/19 11:30 PM	0	100	641	115647
3/13/19 12:00 AM	0	100	641	115647
3/13/19 12:30 AM	0	100	641	115647
3/13/19 1:00 AM	0	100	641	115647
3/13/19 1:30 AM	0	100	641	115647
3/13/19 2:00 AM	0	100	641	115647
3/13/19 2:30 AM	0	100	641	115647
3/13/19 3:00 AM	0	100	641	115647
3/13/19 3:30 AM	0	100	640	115647
3/13/19 4:00 AM	0	100	640	115647
3/13/19 4:30 AM	0	100	640	115647
3/13/19 5:00 AM	0	100	640	115647
3/13/19 5:30 AM	0	100	640	115647
3/13/19 6:00 AM	0	100	640	115647
3/13/19 6:30 AM	0	100	640	115647
3/13/19 7:00 AM	0	100	640	115647
3/13/19 7:30 AM	0	100	640	115647
3/13/19 8:00 AM	0	100	640	115647
3/13/19 8:30 AM	0	101	640	115647
3/13/19 9:00 AM	0	101	639	115647
3/13/19 9:30 AM	0	101	639	115647
3/13/19 10:00 AM	0	101	639	115647
3/13/19 10:30 AM	0	101	639	115647
3/13/19 11:00 AM	0	101	639	115647
3/13/19 11:30 AM	0	101	639	115647
3/13/19 12:00 PM	0	101	639	115647
3/13/19 12:30 PM	0	101	639	115647
3/13/19 1:00 PM	0	101	639	115647
3/13/19 1:30 PM	0	101	638	115647
3/13/19 2:00 PM	0	101	638	115647
3/13/19 2:30 PM	0	101	638	115647
3/13/19 3:00 PM	0	101	638	115647
3/13/19 3:30 PM	0	102	638	115647
3/13/19 4:00 PM	0	102	638	115647
3/13/19 4:30 PM	0	102	638	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/13/19 5:00 PM	0	102	638	115647
3/13/19 5:30 PM	0	102	638	115647
3/13/19 6:00 PM	0	102	638	115647
3/13/19 6:30 PM	0	102	637	115647
3/13/19 7:00 PM	0	102	637	115647
3/13/19 7:30 PM	0	102	637	115647
3/13/19 8:00 PM	0	102	637	115647
3/13/19 8:30 PM	0	102	637	115647
3/13/19 9:00 PM	0	102	637	115647
3/13/19 9:30 PM	0	102	637	115647
3/13/19 10:00 PM	0	102	637	115647
3/13/19 10:30 PM	0	102	637	115647
3/13/19 11:00 PM	0	102	637	115647
3/13/19 11:30 PM	0	102	636	115647
3/14/19 12:00 AM	0	102	636	115647
3/14/19 12:30 AM	0	102	636	115647
3/14/19 1:00 AM	0	102	636	115647
3/14/19 1:30 AM	0	102	636	115647
3/14/19 2:00 AM	0	102	636	115647
3/14/19 2:30 AM	0	102	636	115647
3/14/19 3:00 AM	0	102	636	115647
3/14/19 3:30 AM	0	102	636	115647
3/14/19 4:00 AM	0	102	636	115647
3/14/19 4:30 AM	0	103	636	115647
3/14/19 5:00 AM	0	103	635	115647
3/14/19 5:30 AM	0	103	635	115647
3/14/19 6:00 AM	0	103	635	115647
3/14/19 6:30 AM	0	103	635	115647
3/14/19 7:00 AM	0	103	635	115647
3/14/19 7:30 AM	0	103	635	115647
3/14/19 8:00 AM	0	103	635	115647
3/14/19 8:30 AM	0	103	635	115647
3/14/19 9:00 AM	0	103	635	115647
3/14/19 9:30 AM	0	103	635	115647
3/14/19 10:00 AM	0	103	635	115647
3/14/19 10:30 AM	0	103	635	115647
3/14/19 11:00 AM	0	103	634	115647
3/14/19 11:30 AM	0	104	634	115647
3/14/19 12:00 PM	0	104	634	115647
3/14/19 12:30 PM	0	104	634	115647
3/14/19 1:00 PM	0	104	634	115647
3/14/19 1:30 PM	0	104	634	115647
3/14/19 2:00 PM	0	104	634	115647

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/14/19 2:30 PM	0	104	634	115647
3/14/19 3:00 PM	0	105	634	115647
3/14/19 3:30 PM	0	105	634	115647
3/14/19 4:00 PM	0	105	633	115647
3/14/19 4:30 PM	0	105	633	115647
3/14/19 5:00 PM	0	105	633	115647
3/14/19 5:30 PM	0	105	633	115647
3/14/19 6:00 PM	0	105	633	115647
3/14/19 6:30 PM	0	105	633	115647
3/14/19 7:00 PM	0	105	632	115647
3/14/19 7:30 PM	0	105	632	115647
3/14/19 8:00 PM	0	105	633	115647
3/14/19 8:30 PM	0	105	633	115647
3/14/19 9:00 PM	0	105	633	115647
3/14/19 9:30 PM	0	105	633	115647
3/14/19 10:00 PM	0	105	632	115647
3/14/19 10:30 PM	0	105	632	115647
3/14/19 11:00 PM	0	105	632	115647
3/14/19 11:30 PM	0	106	632	115647
3/15/19 12:00 AM	0	106	632	115647
3/15/19 12:30 AM	0	106	632	115647
3/15/19 1:00 AM	0	106	632	115647
3/15/19 1:30 AM	0	106	632	115647
3/15/19 2:00 AM	0	106	632	115647
3/15/19 2:30 AM	0	106	632	115647
3/15/19 3:00 AM	0	106	632	115647
3/15/19 3:30 AM	0	106	632	115647
3/15/19 4:00 AM	0	106	632	115647
3/15/19 4:30 AM	0	106	631	115647
3/15/19 5:00 AM	0	106	631	115647
3/15/19 5:30 AM	0	106	631	115647
3/15/19 6:00 AM	0	106	631	115647
3/15/19 6:30 AM	0	106	631	115647
3/15/19 7:00 AM	0	106	631	115647
3/15/19 7:30 AM	0	106	631	115647
3/15/19 8:00 AM	0	106	631	115647
3/15/19 8:30 AM	0	106	631	115647
3/15/19 9:00 AM	0	106	631	115647
3/15/19 9:30 AM	0	106	631	115647
3/15/19 10:00 AM	0	106	631	115647
3/15/19 10:30 AM	0	106	631	115647
3/15/19 11:00 AM	0	106	630	115647
3/15/19 11:30 AM	0	106	630	115647

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/15/19 12:00 PM	0	106	630	115647
3/15/19 12:30 PM	0	107	630	115647
3/15/19 1:00 PM	0	107	630	115647
3/15/19 1:30 PM	0	107	630	115647
3/15/19 2:00 PM	0	107	630	115647
3/15/19 2:30 PM	0	107	630	115647
3/15/19 3:00 PM	0	107	630	115647
3/15/19 3:30 PM	0	107	629	115647
3/15/19 4:00 PM	0	107	630	115647
3/15/19 4:30 PM	0	107	629	115647
3/15/19 5:00 PM	0	108	629	115647
3/15/19 5:30 PM	0	108	629	115647
3/15/19 6:00 PM	0	108	629	115647
3/15/19 6:30 PM	0	108	629	115647
3/15/19 7:00 PM	0	108	629	115647
3/15/19 7:30 PM	0	108	629	115647
3/15/19 8:00 PM	0	108	629	115647
3/15/19 8:30 PM	0	108	629	115647
3/15/19 9:00 PM	0	108	629	115647
3/15/19 9:30 PM	0	108	629	115647
3/15/19 10:00 PM	0	108	629	115647
3/15/19 10:30 PM	0	108	629	115647
3/15/19 11:00 PM	0	108	628	115647
3/15/19 11:30 PM	0	108	628	115647
3/16/19 12:00 AM	0	108	628	115647
3/16/19 12:30 AM	0	108	628	115647
3/16/19 1:00 AM	0	108	628	115647
3/16/19 1:30 AM	0	108	628	115647
3/16/19 2:00 AM	0	108	628	115647
3/16/19 2:30 AM	0	108	628	115647
3/16/19 3:00 AM	0	108	628	115647
3/16/19 3:30 AM	0	108	628	115647
3/16/19 4:00 AM	0	108	628	115647
3/16/19 4:30 AM	0	108	628	115647
3/16/19 5:00 AM	0	108	627	115647
3/16/19 5:30 AM	0	108	627	115647
3/16/19 6:00 AM	0	108	627	115647
3/16/19 6:30 AM	0	108	627	115647
3/16/19 7:00 AM	0	108	627	115647
3/16/19 7:30 AM	0	108	627	115647
3/16/19 8:00 AM	0	108	627	115647
3/16/19 8:30 AM	0	108	627	115647
3/16/19 9:00 AM	0	108	627	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/16/19 9:30 AM	0	108	627	115647
3/16/19 10:00 AM	0	108	627	115647
3/16/19 10:30 AM	0	108	627	115647
3/16/19 11:00 AM	0	109	627	115647
3/16/19 11:30 AM	0	109	627	115647
3/16/19 12:00 PM	0	109	627	115647
3/16/19 12:30 PM	0	109	626	115647
3/16/19 1:00 PM	0	109	626	115647
3/16/19 1:30 PM	0	109	626	115647
3/16/19 2:00 PM	0	109	626	115647
3/16/19 2:30 PM	0	110	626	115647
3/16/19 3:00 PM	0	110	626	115647
3/16/19 3:30 PM	0	110	626	115647
3/16/19 4:00 PM	0	110	626	115647
3/16/19 4:30 PM	0	110	626	115647
3/16/19 5:00 PM	0	110	626	115647
3/16/19 5:30 PM	0	110	625	115647
3/16/19 6:00 PM	0	110	625	115647
3/16/19 6:30 PM	0	110	625	115647
3/16/19 7:00 PM	0	110	625	115647
3/16/19 7:30 PM	0	111	625	115647
3/16/19 8:00 PM	0	111	625	115647
3/16/19 8:30 PM	0	111	625	115647
3/16/19 9:00 PM	0	111	625	115647
3/16/19 9:30 PM	0	111	625	115647
3/16/19 10:00 PM	0	111	625	115647
3/16/19 10:30 PM	0	111	625	115647
3/16/19 11:00 PM	0	111	625	115647
3/16/19 11:30 PM	0	111	625	115647
3/17/19 12:00 AM	0	111	625	115647
3/17/19 12:30 AM	0	111	625	115647
3/17/19 1:00 AM	0	111	625	115647
3/17/19 1:30 AM	0	111	624	115647
3/17/19 2:00 AM	0	111	624	115647
3/17/19 2:30 AM	0	111	624	115647
3/17/19 3:00 AM	0	111	624	115647
3/17/19 3:30 AM	0	111	624	115647
3/17/19 4:00 AM	0	111	624	115647
3/17/19 4:30 AM	0	111	624	115647
3/17/19 5:00 AM	0	111	624	115647
3/17/19 5:30 AM	0	111	624	115647
3/17/19 6:00 AM	0	111	624	115647
3/17/19 6:30 AM	0	110	624	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/17/19 7:00 AM	0	110	624	115647
3/17/19 7:30 AM	0	110	624	115647
3/17/19 8:00 AM	0	110	624	115647
3/17/19 8:30 AM	0	111	624	115647
3/17/19 9:00 AM	0	111	624	115647
3/17/19 9:30 AM	0	111	624	115647
3/17/19 10:00 AM	0	111	623	115647
3/17/19 10:30 AM	0	111	623	115647
3/17/19 11:00 AM	0	111	623	115647
3/17/19 11:30 AM	0	111	623	115647
3/17/19 12:00 PM	0	111	623	115647
3/17/19 12:30 PM	0	111	623	115647
3/17/19 1:00 PM	0	111	623	115647
3/17/19 1:30 PM	0	112	623	115647
3/17/19 2:00 PM	0	112	623	115647
3/17/19 2:30 PM	0	112	622	115647
3/17/19 3:00 PM	0	112	622	115647
3/17/19 3:30 PM	0	112	622	115647
3/17/19 4:00 PM	0	112	622	115647
3/17/19 4:30 PM	0	112	622	115647
3/17/19 5:00 PM	0	112	622	115647
3/17/19 5:30 PM	0	113	622	115647
3/17/19 6:00 PM	0	113	622	115647
3/17/19 6:30 PM	0	113	622	115647
3/17/19 7:00 PM	0	113	621	115647
3/17/19 7:30 PM	0	113	621	115647
3/17/19 8:00 PM	0	113	622	115647
3/17/19 8:30 PM	0	113	622	115647
3/17/19 9:00 PM	0	113	622	115647
3/17/19 9:30 PM	0	113	622	115647
3/17/19 10:00 PM	0	113	622	115647
3/17/19 10:30 PM	0	113	621	115647
3/17/19 11:00 PM	0	113	621	115647
3/17/19 11:30 PM	0	113	621	115647
3/18/19 12:00 AM	0	113	621	115647
3/18/19 12:30 AM	0	113	621	115647
3/18/19 1:00 AM	0	113	621	115647
3/18/19 1:30 AM	0	113	621	115647
3/18/19 2:00 AM	0	113	621	115647
3/18/19 2:30 AM	0	113	621	115647
3/18/19 3:00 AM	0	113	621	115647
3/18/19 3:30 AM	0	113	621	115647
3/18/19 4:00 AM	0	113	621	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/18/19 4:30 AM	0	113	621	115647
3/18/19 5:00 AM	0	113	621	115647
3/18/19 5:30 AM	0	113	621	115647
3/18/19 6:00 AM	0	113	621	115647
3/18/19 6:30 AM	0	113	621	115647
3/18/19 7:00 AM	0	113	620	115647
3/18/19 7:30 AM	0	113	620	115647
3/18/19 8:00 AM	0	113	620	115647
3/18/19 8:30 AM	0	113	621	115647
3/18/19 9:00 AM	0	113	620	115647
3/18/19 9:30 AM	0	113	620	115647
3/18/19 10:00 AM	0	113	620	115647
3/18/19 10:30 AM	0	113	620	115647
3/18/19 11:00 AM	0	113	620	115647
3/18/19 11:30 AM	0	113	620	115647
3/18/19 12:00 PM	0	113	620	115647
3/18/19 12:30 PM	0	114	620	115647
3/18/19 1:00 PM	0	114	619	115647
3/18/19 1:30 PM	0	114	619	115647
3/18/19 2:00 PM	0	114	619	115647
3/18/19 2:30 PM	0	114	619	115647
3/18/19 3:00 PM	0	114	620	115647
3/18/19 3:30 PM	0	114	619	115647
3/18/19 4:00 PM	0	114	619	115647
3/18/19 4:30 PM	0	114	619	115647
3/18/19 5:00 PM	0	115	619	115647
3/18/19 5:30 PM	0	115	619	115647
3/18/19 6:00 PM	0	115	619	115647
3/18/19 6:30 PM	0	115	619	115647
3/18/19 7:00 PM	0	115	619	115647
3/18/19 7:30 PM	0	115	619	115647
3/18/19 8:00 PM	0	115	619	115647
3/18/19 8:30 PM	0	115	619	115647
3/18/19 9:00 PM	0	115	618	115647
3/18/19 9:30 PM	0	115	618	115647
3/18/19 10:00 PM	0	115	618	115647
3/18/19 10:30 PM	0	115	618	115647
3/18/19 11:00 PM	0	115	618	115647
3/18/19 11:30 PM	0	115	618	115647
3/19/19 12:00 AM	0	115	618	115647
3/19/19 12:30 AM	0	115	618	115647
3/19/19 1:00 AM	0	115	618	115647
3/19/19 1:30 AM	0	115	618	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/19/19 2:00 AM	0	115	618	115647
3/19/19 2:30 AM	0	115	618	115647
3/19/19 3:00 AM	0	115	618	115647
3/19/19 3:30 AM	0	115	618	115647
3/19/19 4:00 AM	0	115	618	115647
3/19/19 4:30 AM	0	115	618	115647
3/19/19 5:00 AM	0	115	617	115647
3/19/19 5:30 AM	0	115	618	115647
3/19/19 6:00 AM	0	115	617	115647
3/19/19 6:30 AM	0	115	617	115647
3/19/19 7:00 AM	0	115	617	115647
3/19/19 7:30 AM	0	115	617	115647
3/19/19 8:00 AM	0	115	617	115647
3/19/19 8:30 AM	0	115	617	115647
3/19/19 9:00 AM	0	115	617	115647
3/19/19 9:30 AM	0	115	617	115647
3/19/19 10:00 AM	0	115	617	115647
3/19/19 10:30 AM	0	115	617	115647
3/19/19 11:00 AM	0	115	617	115647
3/19/19 11:30 AM	0	115	617	115647
3/19/19 12:00 PM	0	116	617	115647
3/19/19 12:30 PM	0	116	616	115647
3/19/19 1:00 PM	0	116	616	115647
3/19/19 1:30 PM	0	116	616	115647
3/19/19 2:00 PM	0	116	616	115647
3/19/19 2:30 PM	0	116	616	115647
3/19/19 3:00 PM	0	116	616	115647
3/19/19 3:30 PM	0	116	616	115647
3/19/19 4:00 PM	0	116	616	115647
3/19/19 4:30 PM	0	116	616	115647
3/19/19 5:00 PM	0	117	616	115647
3/19/19 5:30 PM	0	117	616	115647
3/19/19 6:00 PM	0	117	616	115647
3/19/19 6:30 PM	0	117	616	115647
3/19/19 7:00 PM	0	117	615	115647
3/19/19 7:30 PM	0	117	615	115647
3/19/19 8:00 PM	0	117	615	115647
3/19/19 8:30 PM	0	117	615	115647
3/19/19 9:00 PM	0	117	615	115647
3/19/19 9:30 PM	0	117	615	115647
3/19/19 10:00 PM	0	117	615	115647
3/19/19 10:30 PM	0	117	615	115647
3/19/19 11:00 PM	0	117	615	115647

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/19/19 11:30 PM	0	117	615	115647
3/20/19 12:00 AM	0	117	615	115647
3/20/19 12:30 AM	0	117	615	115647
3/20/19 1:00 AM	0	117	615	115647
3/20/19 1:30 AM	0	117	615	115647
3/20/19 2:00 AM	0	117	615	115647
3/20/19 2:30 AM	0	117	615	115647
3/20/19 3:00 AM	0	117	615	115647
3/20/19 3:30 AM	0	117	615	115647
3/20/19 4:00 AM	0	117	615	115647
3/20/19 4:30 AM	0	117	615	115647
3/20/19 5:00 AM	0	117	614	115647
3/20/19 5:30 AM	0	117	614	115647
3/20/19 6:00 AM	0	117	614	115647
3/20/19 6:30 AM	0	117	614	115647
3/20/19 7:00 AM	0	117	614	115647
3/20/19 7:30 AM	0	117	614	115647
3/20/19 8:00 AM	0	117	614	115647
3/20/19 8:30 AM	0	117	614	115647
3/20/19 9:00 AM	0	117	614	115647
3/20/19 9:30 AM	0	117	614	115647
3/20/19 10:00 AM	0	117	614	115647
3/20/19 10:30 AM	0	117	614	115647
3/20/19 11:00 AM	0	117	614	115647
3/20/19 11:30 AM	0	117	614	115647
3/20/19 12:00 PM	0	117	614	115647
3/20/19 12:30 PM	0	117	613	115647
3/20/19 1:00 PM	0	117	613	115647
3/20/19 1:30 PM	0	118	613	115647
3/20/19 2:00 PM	0	118	613	115647
3/20/19 2:30 PM	0	118	613	115647
3/20/19 3:00 PM	0	118	613	115647
3/20/19 3:30 PM	0	118	613	115647
3/20/19 4:00 PM	0	118	613	115647
3/20/19 4:30 PM	0	118	613	115647
3/20/19 5:00 PM	0	118	613	115647
3/20/19 5:30 PM	0	118	613	115647
3/20/19 6:00 PM	0	118	613	115647
3/20/19 6:30 PM	0	118	613	115647
3/20/19 7:00 PM	0	119	613	115647
3/20/19 7:30 PM	0	119	613	115647
3/20/19 8:00 PM	0	119	613	115647
3/20/19 8:30 PM	0	119	613	115647

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/20/19 9:00 PM	0	119	613	115647
3/20/19 9:30 PM	0	119	613	115647
3/20/19 10:00 PM	0	119	613	115647
3/20/19 10:30 PM	0	119	612	115647
3/20/19 11:00 PM	0	119	612	115647
3/20/19 11:30 PM	0	119	612	115647
3/21/19 12:00 AM	0	119	612	115647
3/21/19 12:30 AM	0	119	612	115647
3/21/19 1:00 AM	0	119	612	115647
3/21/19 1:30 AM	0	119	612	115647
3/21/19 2:00 AM	0	119	612	115647
3/21/19 2:30 AM	0	119	612	115647
3/21/19 3:00 AM	0	119	612	115647
3/21/19 3:30 AM	0	119	612	115647
3/21/19 4:00 AM	0	119	612	115647
3/21/19 4:30 AM	0	119	612	115647
3/21/19 5:00 AM	0	119	612	115647
3/21/19 5:30 AM	0	119	612	115647
3/21/19 6:00 AM	0	119	612	115647
3/21/19 6:30 AM	0	119	612	115647
3/21/19 7:00 AM	0	119	612	115647
3/21/19 7:30 AM	0	119	611	115647
3/21/19 8:00 AM	0	119	611	115647
3/21/19 8:30 AM	0	119	611	115647
3/21/19 9:00 AM	0	119	612	115647
3/21/19 9:30 AM	0	119	611	115647
3/21/19 10:00 AM	0	119	611	115647
3/21/19 10:30 AM	0	117	612	115647
3/21/19 11:00 AM	34	43	878	115669
3/21/19 11:30 AM	33	19	927	115693
3/21/19 12:00 PM	34	11	957	115716
3/21/19 12:30 PM	33	7	978	115739
3/21/19 1:00 PM	34	5	993	115762
3/21/19 1:30 PM	34	4	1011	115785
3/21/19 2:00 PM	30	3	1012	115807
3/21/19 2:30 PM	30	2	1016	115828
3/21/19 3:00 PM	30	1	1021	115849
3/21/19 3:30 PM	29	1	1029	115870
3/21/19 4:00 PM	29	1	1035	115890
3/21/19 4:30 PM	27	1	1041	115911
3/21/19 5:00 PM	28	0	1049	115932
3/21/19 5:30 PM	29	0	1055	115952
3/21/19 6:00 PM	30	0	1060	115973

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/21/19 6:30 PM	28	0	1064	115993
3/21/19 7:00 PM	29	0	1069	116013
3/21/19 7:30 PM	27	0	1075	116034
3/21/19 8:00 PM	0	0	897	116044
3/21/19 8:30 PM	0	1	831	116044
3/21/19 9:00 PM	0	2	799	116044
3/21/19 9:30 PM	0	4	778	116044
3/21/19 10:00 PM	0	5	764	116044
3/21/19 10:30 PM	0	6	751	116044
3/21/19 11:00 PM	0	8	741	116044
3/21/19 11:30 PM	0	9	733	116044
3/22/19 12:00 AM	0	10	726	116044
3/22/19 12:30 AM	0	11	721	116044
3/22/19 1:00 AM	0	13	715	116044
3/22/19 1:30 AM	0	14	711	116044
3/22/19 2:00 AM	0	15	706	116044
3/22/19 2:30 AM	31	12	923	116060
3/22/19 3:00 AM	29	7	974	116081
3/22/19 3:30 AM	30	4	1001	116102
3/22/19 4:00 AM	30	3	1020	116123
3/22/19 4:30 AM	30	2	1036	116144
3/22/19 5:00 AM	29	1	1051	116165
3/22/19 5:30 AM	31	1	1064	116186
3/22/19 6:00 AM	28	0	1073	116207
3/22/19 6:30 AM	30	0	1082	116228
3/22/19 7:00 AM	30	0	1095	116250
3/22/19 7:30 AM	30	-1	1103	116271
3/22/19 8:00 AM	31	-1	1108	116292
3/22/19 8:30 AM	29	-1	1113	116314
3/22/19 9:00 AM	29	-1	1119	116335
3/22/19 9:30 AM	30	-1	1126	116357
3/22/19 10:00 AM	30	-1	1134	116378
3/22/19 10:30 AM	30	-1	1140	116400
3/22/19 11:00 AM	29	-1	1143	116421
3/22/19 11:30 AM	30	-1	1147	116442
3/22/19 12:00 PM	29	-2	1153	116464
3/22/19 12:30 PM	29	-2	1156	116485
3/22/19 1:00 PM	29	-2	1161	116506
3/22/19 1:30 PM	31	-2	1166	116528
3/22/19 2:00 PM	31	-2	1172	116549
3/22/19 2:30 PM	29	-2	1177	116571
3/22/19 3:00 PM	29	-2	1181	116592
3/22/19 3:30 PM	29	-2	1186	116613

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u> <u>Pressure</u> <u>(psi)</u>	<u>Injection</u> <u>Pressure</u> <u>(psi)</u>	<u>Totalizer</u> <u>(bbls)</u>
3/22/19 4:00 PM	29	-2	1192	116634
3/22/19 4:30 PM	30	-2	1200	116655
3/22/19 5:00 PM	28	-2	1206	116676
3/22/19 5:30 PM	30	-2	1212	116697
3/22/19 6:00 PM	28	-2	1218	116718
3/22/19 6:30 PM	27	-2	1220	116738
3/22/19 7:00 PM	28	-2	1222	116758
3/22/19 7:30 PM	29	-2	1226	116778
3/22/19 8:00 PM	28	-2	1227	116799
3/22/19 8:30 PM	29	-2	1230	116818
3/22/19 9:00 PM	28	-2	1232	116838
3/22/19 9:30 PM	27	-2	1235	116858
3/22/19 10:00 PM	28	-2	1237	116878
3/22/19 10:30 PM	27	-2	1243	116897
3/22/19 11:00 PM	26	-2	1246	116917
3/22/19 11:30 PM	27	-2	1247	116936
3/23/19 12:00 AM	27	-2	1252	116955
3/23/19 12:30 AM	26	-2	1256	116973
3/23/19 1:00 AM	27	-2	1259	116992
3/23/19 1:30 AM	27	-2	1262	117011
3/23/19 2:00 AM	25	-2	1264	117030
3/23/19 2:30 AM	27	-2	1267	117048
3/23/19 3:00 AM	27	-2	1269	117067
3/23/19 3:30 AM	27	-2	1269	117085
3/23/19 4:00 AM	25	-2	1271	117104
3/23/19 4:30 AM	27	-2	1273	117122
3/23/19 5:00 AM	27	-2	1277	117141
3/23/19 5:30 AM	25	-2	1278	117159
3/23/19 6:00 AM	26	-2	1281	117178
3/23/19 6:30 AM	26	-2	1283	117196
3/23/19 7:00 AM	26	-2	1286	117215
3/23/19 7:30 AM	25	-2	1288	117233
3/23/19 8:00 AM	28	-2	1291	117252
3/23/19 8:30 AM	26	-2	1295	117270
3/23/19 9:00 AM	27	-2	1296	117289
3/23/19 9:30 AM	25	-2	1297	117307
3/23/19 10:00 AM	25	-2	1299	117325
3/23/19 10:30 AM	25	-2	1302	117343
3/23/19 11:00 AM	27	-2	1309	117362
3/23/19 11:30 AM	26	-2	1314	117380
3/23/19 12:00 PM	26	-2	1317	117399
3/23/19 12:30 PM	25	-2	1320	117417
3/23/19 1:00 PM	26	-2	1323	117435

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>(bbls)</u>
		<u>(psi)</u>	<u>(psi)</u>	
3/23/19 1:30 PM	25	-2	1324	117454
3/23/19 2:00 PM	24	-2	1327	117472
3/23/19 2:30 PM	26	-2	1329	117490
3/23/19 3:00 PM	26	-2	1330	117507
3/23/19 3:30 PM	26	-2	1328	117525
3/23/19 4:00 PM	23	-2	1331	117542
3/23/19 4:30 PM	24	-2	1330	117559
3/23/19 5:00 PM	24	-2	1330	117577
3/23/19 5:30 PM	25	-2	1331	117594
3/23/19 6:00 PM	24	-2	1332	117611
3/23/19 6:30 PM	24	-2	1332	117628
3/23/19 7:00 PM	23	-2	1332	117645
3/23/19 7:30 PM	24	-1	1334	117662
3/23/19 8:00 PM	23	-1	1335	117679
3/23/19 8:30 PM	24	-1	1336	117695
3/23/19 9:00 PM	23	-1	1338	117712
3/23/19 9:30 PM	24	-1	1340	117729
3/23/19 10:00 PM	24	-1	1343	117746
3/23/19 10:30 PM	25	-1	1345	117763
3/23/19 11:00 PM	23	-1	1346	117779
3/23/19 11:30 PM	23	-1	1348	117796
3/24/19 12:00 AM	22	-1	1349	117813
3/24/19 12:30 AM	23	-1	1350	117829
3/24/19 1:00 AM	22	-1	1351	117846
3/24/19 1:30 AM	23	-1	1353	117863
3/24/19 2:00 AM	22	-1	1353	117879
3/24/19 2:30 AM	24	-1	1355	117896
3/24/19 3:00 AM	24	-1	1356	117913
3/24/19 3:30 AM	25	-1	1358	117929
3/24/19 4:00 AM	24	-1	1359	117946
3/24/19 4:30 AM	23	-1	1360	117963
3/24/19 5:00 AM	24	-1	1360	117979
3/24/19 5:30 AM	23	-1	1361	117995
3/24/19 6:00 AM	21	-1	1362	118012
3/24/19 6:30 AM	22	-1	1363	118028
3/24/19 7:00 AM	23	-1	1363	118044
3/24/19 7:30 AM	23	-1	1364	118060
3/24/19 8:00 AM	22	-1	1364	118076
3/24/19 8:30 AM	22	-1	1365	118091
3/24/19 9:00 AM	22	-1	1367	118107
3/24/19 9:30 AM	21	-1	1367	118123
3/24/19 10:00 AM	0	-1	1224	118133
3/24/19 10:30 AM	0	-1	1132	118133

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/24/19 11:00 AM	0	0	1093	118133
3/24/19 11:30 AM	0	1	1067	118133
3/24/19 12:00 PM	0	1	1047	118133
3/24/19 12:30 PM	0	2	1030	118133
3/24/19 1:00 PM	0	3	1016	118133
3/24/19 1:30 PM	0	3	1004	118133
3/24/19 2:00 PM	0	4	992	118133
3/24/19 2:30 PM	0	4	982	118133
3/24/19 3:00 PM	0	5	973	118133
3/24/19 3:30 PM	0	6	965	118133
3/24/19 4:00 PM	0	6	957	118133
3/24/19 4:30 PM	0	7	950	118133
3/24/19 5:00 PM	0	7	944	118133
3/24/19 5:30 PM	0	8	938	118133
3/24/19 6:00 PM	0	8	932	118133
3/24/19 6:30 PM	0	9	926	118133
3/24/19 7:00 PM	0	9	921	118133
3/24/19 7:30 PM	0	10	916	118133
3/24/19 8:00 PM	0	10	911	118133
3/24/19 8:30 PM	0	11	907	118133
3/24/19 9:00 PM	0	11	902	118133
3/24/19 9:30 PM	0	12	898	118133
3/24/19 10:00 PM	0	12	894	118133
3/24/19 10:30 PM	0	13	891	118133
3/24/19 11:00 PM	0	13	887	118133
3/24/19 11:30 PM	0	14	884	118133
3/25/19 12:00 AM	0	14	880	118133
3/25/19 12:30 AM	0	14	877	118133
3/25/19 1:00 AM	0	15	874	118133
3/25/19 1:30 AM	0	15	870	118133
3/25/19 2:00 AM	0	16	868	118133
3/25/19 2:30 AM	0	16	865	118133
3/25/19 3:00 AM	0	16	862	118133
3/25/19 3:30 AM	0	17	859	118133
3/25/19 4:00 AM	0	17	857	118133
3/25/19 4:30 AM	0	18	854	118133
3/25/19 5:00 AM	0	18	852	118133
3/25/19 5:30 AM	0	19	849	118133
3/25/19 6:00 AM	0	19	847	118133
3/25/19 6:30 AM	0	19	844	118133
3/25/19 7:00 AM	0	20	842	118133
3/25/19 7:30 AM	0	20	840	118133
3/25/19 8:00 AM	0	20	838	118133

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/25/19 8:30 AM	0	21	836	118133
3/25/19 9:00 AM	0	21	834	118133
3/25/19 9:30 AM	0	22	832	118133
3/25/19 10:00 AM	0	22	830	118133
3/25/19 10:30 AM	0	22	828	118133
3/25/19 11:00 AM	0	23	826	118133
3/25/19 11:30 AM	0	23	825	118133
3/25/19 12:00 PM	0	23	823	118133
3/25/19 12:30 PM	0	24	821	118133
3/25/19 1:00 PM	0	24	819	118133
3/25/19 1:30 PM	0	24	817	118133
3/25/19 2:00 PM	0	25	816	118133
3/25/19 2:30 PM	0	25	814	118133
3/25/19 3:00 PM	0	26	813	118133
3/25/19 3:30 PM	0	26	811	118133
3/25/19 4:00 PM	0	26	809	118133
3/25/19 4:30 PM	0	27	808	118133
3/25/19 5:00 PM	0	27	806	118133
3/25/19 5:30 PM	0	27	805	118133
3/25/19 6:00 PM	0	28	804	118133
3/25/19 6:30 PM	0	28	802	118133
3/25/19 7:00 PM	0	28	801	118133
3/25/19 7:30 PM	0	29	799	118133
3/25/19 8:00 PM	0	29	798	118133
3/25/19 8:30 PM	0	29	797	118133
3/25/19 9:00 PM	0	30	796	118133
3/25/19 9:30 PM	0	30	795	118133
3/25/19 10:00 PM	0	30	794	118133
3/25/19 10:30 PM	0	31	792	118133
3/25/19 11:00 PM	0	31	791	118133
3/25/19 11:30 PM	0	31	790	118133
3/26/19 12:00 AM	0	32	789	118133
3/26/19 12:30 AM	0	32	788	118133
3/26/19 1:00 AM	0	32	787	118133
3/26/19 1:30 AM	0	32	786	118133
3/26/19 2:00 AM	0	33	784	118133
3/26/19 2:30 AM	0	33	784	118133
3/26/19 3:00 AM	0	33	782	118133
3/26/19 3:30 AM	0	34	781	118133
3/26/19 4:00 AM	0	34	780	118133
3/26/19 4:30 AM	0	34	779	118133
3/26/19 5:00 AM	0	34	778	118133
3/26/19 5:30 AM	0	35	777	118133

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/26/19 6:00 AM	0	35	776	118133
3/26/19 6:30 AM	0	35	775	118133
3/26/19 7:00 AM	0	36	775	118133
3/26/19 7:30 AM	0	36	774	118133
3/26/19 8:00 AM	0	36	773	118133
3/26/19 8:30 AM	0	36	772	118133
3/26/19 9:00 AM	0	37	771	118133
3/26/19 9:30 AM	0	37	770	118133
3/26/19 10:00 AM	0	37	769	118133
3/26/19 10:30 AM	0	38	768	118133
3/26/19 11:00 AM	0	38	768	118133
3/26/19 11:30 AM	0	38	767	118133
3/26/19 12:00 PM	0	38	766	118133
3/26/19 12:30 PM	0	39	765	118133
3/26/19 1:00 PM	0	39	764	118133
3/26/19 1:30 PM	0	39	763	118133
3/26/19 2:00 PM	0	40	762	118133
3/26/19 2:30 PM	0	40	762	118133
3/26/19 3:00 PM	0	40	761	118133
3/26/19 3:30 PM	0	41	760	118133
3/26/19 4:00 PM	0	41	759	118133
3/26/19 4:30 PM	0	41	758	118133
3/26/19 5:00 PM	0	41	758	118133
3/26/19 5:30 PM	0	42	757	118133
3/26/19 6:00 PM	0	42	756	118133
3/26/19 6:30 PM	0	42	756	118133
3/26/19 7:00 PM	0	43	755	118133
3/26/19 7:30 PM	0	43	754	118133
3/26/19 8:00 PM	0	43	754	118133
3/26/19 8:30 PM	0	43	753	118133
3/26/19 9:00 PM	0	44	752	118133
3/26/19 9:30 PM	0	44	752	118133
3/26/19 10:00 PM	0	44	751	118133
3/26/19 10:30 PM	0	44	750	118133
3/26/19 11:00 PM	0	45	750	118133
3/26/19 11:30 PM	0	45	749	118133
3/27/19 12:00 AM	0	45	748	118133
3/27/19 12:30 AM	0	45	748	118133
3/27/19 1:00 AM	0	46	747	118133
3/27/19 1:30 AM	0	46	747	118133
3/27/19 2:00 AM	0	46	746	118133
3/27/19 2:30 AM	0	46	745	118133
3/27/19 3:00 AM	0	47	745	118133

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u>	<u>Injection</u>	
<u>Date</u>	<u>(gpm)</u>	<u>Pressure</u>	<u>Pressure</u>	<u>Totalizer</u>
		<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/27/19 3:30 AM	0	47	744	118133
3/27/19 4:00 AM	0	47	743	118133
3/27/19 4:30 AM	0	47	743	118133
3/27/19 5:00 AM	0	48	742	118133
3/27/19 5:30 AM	0	48	742	118133
3/27/19 6:00 AM	0	48	741	118133
3/27/19 6:30 AM	0	48	741	118133
3/27/19 7:00 AM	0	48	740	118133
3/27/19 7:30 AM	0	49	740	118133
3/27/19 8:00 AM	0	49	739	118133
3/27/19 8:30 AM	0	49	739	118133
3/27/19 9:00 AM	0	49	738	118133
3/27/19 9:30 AM	0	49	738	118133
3/27/19 10:00 AM	0	50	737	118133
3/27/19 10:30 AM	0	50	737	118133
3/27/19 11:00 AM	24	30	982	118149
3/27/19 11:30 AM	23	17	1032	118166
3/27/19 12:00 PM	23	11	1058	118182
3/27/19 12:30 PM	23	8	1074	118198
3/27/19 1:00 PM	23	6	1087	118215
3/27/19 1:30 PM	23	5	1103	118231
3/27/19 2:00 PM	23	4	1117	118247
3/27/19 2:30 PM	23	3	1128	118263
3/27/19 3:00 PM	22	3	1135	118280
3/27/19 3:30 PM	23	2	1141	118295
3/27/19 4:00 PM	24	2	1149	118311
3/27/19 4:30 PM	22	2	1156	118327
3/27/19 5:00 PM	22	2	1161	118343
3/27/19 5:30 PM	21	1	1167	118358
3/27/19 6:00 PM	21	1	1172	118374
3/27/19 6:30 PM	21	1	1178	118389
3/27/19 7:00 PM	22	1	1185	118405
3/27/19 7:30 PM	21	1	1192	118420
3/27/19 8:00 PM	22	1	1197	118435
3/27/19 8:30 PM	21	1	1202	118451
3/27/19 9:00 PM	21	1	1208	118466
3/27/19 9:30 PM	22	1	1213	118482
3/27/19 10:00 PM	21	0	1218	118497
3/27/19 10:30 PM	22	0	1223	118513
3/27/19 11:00 PM	22	0	1227	118528
3/27/19 11:30 PM	21	0	1230	118543
3/28/19 12:00 AM	22	0	1235	118559
3/28/19 12:30 AM	22	0	1238	118574

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/28/19 1:00 AM	22	0	1241	118590
3/28/19 1:30 AM	21	0	1241	118606
3/28/19 2:00 AM	21	0	1245	118621
3/28/19 2:30 AM	20	0	1246	118636
3/28/19 3:00 AM	21	0	1250	118651
3/28/19 3:30 AM	23	0	1253	118666
3/28/19 4:00 AM	22	0	1257	118681
3/28/19 4:30 AM	21	0	1261	118696
3/28/19 5:00 AM	20	0	1264	118711
3/28/19 5:30 AM	21	0	1268	118727
3/28/19 6:00 AM	22	0	1272	118742
3/28/19 6:30 AM	24	0	1276	118757
3/28/19 7:00 AM	22	0	1278	118772
3/28/19 7:30 AM	21	0	1280	118788
3/28/19 8:00 AM	22	0	1282	118803
3/28/19 8:30 AM	22	0	1284	118818
3/28/19 9:00 AM	24	0	1295	118834
3/28/19 9:30 AM	22	0	1302	118850
3/28/19 10:00 AM	23	0	1306	118867
3/28/19 10:30 AM	24	0	1310	118884
3/28/19 11:00 AM	23	0	1314	118900
3/28/19 11:30 AM	24	0	1317	118917
3/28/19 12:00 PM	23	0	1320	118934
3/28/19 12:30 PM	24	0	1322	118950
3/28/19 1:00 PM	25	0	1323	118967
3/28/19 1:30 PM	23	0	1326	118983
3/28/19 2:00 PM	22	0	1329	119000
3/28/19 2:30 PM	21	0	1331	119016
3/28/19 3:00 PM	24	0	1334	119032
3/28/19 3:30 PM	22	0	1337	119049
3/28/19 4:00 PM	22	0	1339	119065
3/28/19 4:30 PM	22	0	1341	119081
3/28/19 5:00 PM	22	0	1343	119097
3/28/19 5:30 PM	22	0	1346	119113
3/28/19 6:00 PM	23	0	1349	119130
3/28/19 6:30 PM	21	0	1351	119146
3/28/19 7:00 PM	22	0	1353	119162
3/28/19 7:30 PM	22	0	1354	119177
3/28/19 8:00 PM	22	0	1357	119193
3/28/19 8:30 PM	23	0	1363	119209
3/28/19 9:00 PM	23	0	1364	119225
3/28/19 9:30 PM	23	0	1366	119241
3/28/19 10:00 PM	23	0	1368	119257

Injection Well Operations Information

	<u>Flowrate</u>	<u>Casing</u> <u>Pressure</u>	<u>Injection</u> <u>Pressure</u>	<u>Totalizer</u>
<u>Date</u>	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/28/19 10:30 PM	23	0	1367	119273
3/28/19 11:00 PM	23	0	1368	119289
3/28/19 11:30 PM	23	0	1368	119305
3/29/19 12:00 AM	21	0	1369	119320
3/29/19 12:30 AM	22	0	1371	119336
3/29/19 1:00 AM	21	0	1372	119352
3/29/19 1:30 AM	23	0	1374	119367
3/29/19 2:00 AM	23	0	1375	119383
3/29/19 2:30 AM	23	0	1376	119399
3/29/19 3:00 AM	23	0	1377	119414
3/29/19 3:30 AM	22	0	1378	119430
3/29/19 4:00 AM	22	0	1380	119445
3/29/19 4:30 AM	20	0	1380	119460
3/29/19 5:00 AM	22	0	1383	119476
3/29/19 5:30 AM	23	0	1384	119491
3/29/19 6:00 AM	22	0	1386	119507
3/29/19 6:30 AM	20	0	1387	119522
3/29/19 7:00 AM	22	0	1388	119537
3/29/19 7:30 AM	20	0	1388	119552
3/29/19 8:00 AM	20	0	1388	119567
3/29/19 8:30 AM	21	0	1390	119582
3/29/19 9:00 AM	0	0	1231	119591
3/29/19 9:30 AM	0	0	1149	119591
3/29/19 10:00 AM	0	1	1113	119591
3/29/19 10:30 AM	0	2	1088	119591
3/29/19 11:00 AM	0	3	1068	119591
3/29/19 11:30 AM	0	3	1052	119591
3/29/19 12:00 PM	0	4	1039	119591
3/29/19 12:30 PM	21	5	1147	119593
3/29/19 1:00 PM	0	5	1039	119596
3/29/19 1:30 PM	0	5	1018	119596
3/29/19 2:00 PM	0	6	1005	119596
3/29/19 2:30 PM	0	7	995	119596
3/29/19 3:00 PM	0	7	986	119596
3/29/19 3:30 PM	0	8	978	119596
3/29/19 4:00 PM	0	8	972	119596
3/29/19 4:30 PM	0	9	965	119596
3/29/19 5:00 PM	0	9	959	119596
3/29/19 5:30 PM	0	10	953	119596
3/29/19 6:00 PM	0	11	948	119596
3/29/19 6:30 PM	0	11	943	119596
3/29/19 7:00 PM	0	12	938	119596
3/29/19 7:30 PM	0	12	933	119596

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/29/19 8:00 PM	0	13	929	119596
3/29/19 8:30 PM	0	13	925	119596
3/29/19 9:00 PM	0	14	921	119596
3/29/19 9:30 PM	0	14	918	119596
3/29/19 10:00 PM	0	14	914	119596
3/29/19 10:30 PM	0	15	910	119596
3/29/19 11:00 PM	0	15	907	119596
3/29/19 11:30 PM	0	16	904	119596
3/30/19 12:00 AM	0	16	901	119596
3/30/19 12:30 AM	0	17	898	119596
3/30/19 1:00 AM	0	17	895	119596
3/30/19 1:30 AM	0	18	892	119596
3/30/19 2:00 AM	0	18	889	119596
3/30/19 2:30 AM	0	18	886	119596
3/30/19 3:00 AM	0	19	884	119596
3/30/19 3:30 AM	0	19	881	119596
3/30/19 4:00 AM	0	19	879	119596
3/30/19 4:30 AM	0	20	876	119596
3/30/19 5:00 AM	0	20	874	119596
3/30/19 5:30 AM	0	21	872	119596
3/30/19 6:00 AM	0	21	870	119596
3/30/19 6:30 AM	0	21	867	119596
3/30/19 7:00 AM	0	22	865	119596
3/30/19 7:30 AM	0	22	864	119596
3/30/19 8:00 AM	0	22	862	119596
3/30/19 8:30 AM	0	23	860	119596
3/30/19 9:00 AM	0	23	858	119596
3/30/19 9:30 AM	0	23	856	119596
3/30/19 10:00 AM	0	24	854	119596
3/30/19 10:30 AM	0	24	852	119596
3/30/19 11:00 AM	0	24	850	119596
3/30/19 11:30 AM	0	25	848	119596
3/30/19 12:00 PM	0	25	847	119596
3/30/19 12:30 PM	0	25	845	119596
3/30/19 1:00 PM	0	26	843	119596
3/30/19 1:30 PM	0	26	842	119596
3/30/19 2:00 PM	0	26	840	119596
3/30/19 2:30 PM	0	27	839	119596
3/30/19 3:00 PM	0	27	837	119596
3/30/19 3:30 PM	0	27	836	119596
3/30/19 4:00 PM	0	28	834	119596
3/30/19 4:30 PM	0	28	833	119596
3/30/19 5:00 PM	0	28	831	119596

Injection Well Operations Information

<u>Date</u>	<u>Flowrate</u> <u>(gpm)</u>	<u>Casing</u>	<u>Injection</u>	<u>Totalizer</u> <u>(bbls)</u>
		<u>Pressure</u> <u>(psi)</u>	<u>Pressure</u> <u>(psi)</u>	
3/30/19 5:30 PM	0	29	830	119596
3/30/19 6:00 PM	0	29	828	119596
3/30/19 6:30 PM	0	29	827	119596
3/30/19 7:00 PM	0	29	826	119596
3/30/19 7:30 PM	0	30	825	119596
3/30/19 8:00 PM	0	30	824	119596
3/30/19 8:30 PM	0	30	822	119596
3/30/19 9:00 PM	0	31	821	119596
3/30/19 9:30 PM	0	31	820	119596
3/30/19 10:00 PM	0	31	819	119596
3/30/19 10:30 PM	0	32	818	119596
3/30/19 11:00 PM	0	32	817	119596
3/30/19 11:30 PM	0	32	816	119596
3/31/19 12:00 AM	0	32	814	119596
3/31/19 12:30 AM	0	33	813	119596
3/31/19 1:00 AM	0	33	812	119596
3/31/19 1:30 AM	0	33	811	119596
3/31/19 2:00 AM	0	33	810	119596
3/31/19 2:30 AM	0	34	809	119596
3/31/19 3:00 AM	0	34	808	119596
3/31/19 3:30 AM	0	34	807	119596
3/31/19 4:00 AM	0	34	806	119596
3/31/19 4:30 AM	0	35	805	119596
3/31/19 5:00 AM	0	35	804	119596
3/31/19 5:30 AM	0	35	803	119596
3/31/19 6:00 AM	0	35	802	119596
3/31/19 6:30 AM	0	36	801	119596
3/31/19 7:00 AM	0	36	801	119596
3/31/19 7:30 AM	0	36	800	119596
3/31/19 8:00 AM	0	36	799	119596
3/31/19 8:30 AM	0	37	798	119596
3/31/19 9:00 AM	0	37	797	119596
3/31/19 9:30 AM	0	37	796	119596
3/31/19 10:00 AM	0	37	795	119596
3/31/19 10:30 AM	0	38	794	119596
3/31/19 11:00 AM	0	38	794	119596
3/31/19 11:30 AM	0	38	793	119596
3/31/19 12:00 PM	0	38	792	119596
3/31/19 12:30 PM	0	38	791	119596
3/31/19 1:00 PM	0	39	790	119596
3/31/19 1:30 PM	0	39	790	119596
3/31/19 2:00 PM	0	39	789	119596
3/31/19 2:30 PM	0	39	788	119596

Injection Well Operations Information

<u>Date</u>	<u>Casing</u>		<u>Injection</u>	<u>Totalizer</u>
	<u>Flowrate</u>	<u>Pressure</u>	<u>Pressure</u>	
	<u>(gpm)</u>	<u>(psi)</u>	<u>(psi)</u>	<u>(bbls)</u>
3/31/19 3:00 PM	0	40	787	119596
3/31/19 3:30 PM	0	40	787	119596
3/31/19 4:00 PM	0	40	785	119596
3/31/19 4:30 PM	0	40	784	119596
3/31/19 5:00 PM	0	41	784	119596
3/31/19 5:30 PM	0	41	784	119596
3/31/19 6:00 PM	0	41	783	119596
3/31/19 6:30 PM	0	41	782	119596
3/31/19 7:00 PM	0	42	781	119596
3/31/19 7:30 PM	0	42	780	119596
3/31/19 8:00 PM	0	42	780	119596
3/31/19 8:30 PM	0	42	779	119596
3/31/19 9:00 PM	0	42	779	119596
3/31/19 9:30 PM	0	43	778	119596
3/31/19 10:00 PM	0	43	777	119596
3/31/19 10:30 PM	0	43	777	119596
3/31/19 11:00 PM	0	43	776	119596
3/31/19 11:30 PM	0	44	775	119596
4/1/19 12:00 AM	0	44	775	119596

November 13, 2017

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

UPS Tracking #:1Z 881 839 01 4045 8420 (NMOCD-Santa Fe)
UPS Tracking #:9114 9011 2308 6780 3769 67 (NMOCD-Aztec)

RE: 3rd Quarter 2017 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between July 1st, 2017 and September 31th, 2017, which includes the following:

- Attachment A: Up-dated 2017 Quarterly Injection Well Table;
- Attachment B: Analytical summary of quarterly samples collected in June 2017;
- Attachment C: Copy of quarterly analytical report;
- Attachment D: Summary of Well Operational Logs

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or kelly.robinson@andeavor.com.

Sincerely,



Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

Cc: Randy Schmaltz (WNR)
B. Powell (NMOCD-Aztec)

ATTACHMENT A

Quarterly Injection Well Report

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL

P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT

DISCHARGE PERMIT UICI-011 (WDW #2)

U.I.: H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2015	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	651	2,335,000	0	744	-	-	-	-	-	-	-	-	-
FEB	0	1,001,000	0	672	-	-	-	-	-	-	-	-	-
MAR	0	989,000	205,380	364	1,451	0	1,103	48	0	14	67	1	14
APR	0	958,000	1,819	612	1,393	774	1,011	45	3	19	47	1	13
MAY	59,178	889,000	18,858	720	1,393	782	959	44	8	23	51	2	13
JUN	3,528	926,000	784,560	263	1,337	555	1,067	106	-5	7	79	5	29
JUL	56,784	989,000	763,938	10	1,379	1,253	1,335	7	1	3	26	13	17
AUG	-	1,195,000	423,906	265	1,388	993	1,244	42	2	13	35	1	15
SEP	50,358	836,000	258,468	400	1,440	906	1,154	51	-1	20	49	8	6
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-

The total amount injected in 2017 is: 2,456,929 gallons

CERTIFICATION: *Kelly Rolason* DATE: 11-12-2017

Note: Well officially brought on-line full time March 8, 2017.

ATTACHMENT B

2017 Quarterly Analytical Summary

Injection Well
2017 Quarterly Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter	3rd Quarter
Volatile Organic Compounds (ug/L)				3/31/2017	6/22/2017	9/13/2017
D029	1,1-Dichloroethene	700	5	< 5.0	< 5.0	<7.0
D028	1,2-Dichloroethane (EDC)	500	10	< 5.0	< 5.0	<0.5
D027	1,4-Dichlorobenzene	7,500		< 5.0	< 5.0	<7.5
D035	2-Butanone (MEK)	200,000		60	< 50	200
D018	Benzene	500	10	< 5.0	< 5.0	<0.50
D019	Carbon Tetrachloride	500	10	< 5.0	< 5.0	<0.50
D021	Chlorobenzene	100000		< 5.0	< 5.0	<100
D022	Chloroform	6000	100	< 5.0	< 5.0	<6.0
D033	Hexachlorobutadiene	500		< 5.0	< 5.0	<0.50
D039	Tetrachloroethene (PCE)	700	20	< 5.0	< 5.0	<0.70
D040	Trichloroethene (TCE)	500	100	< 5.0	< 5.0	<0.50
D043	Vinyl chloride	200	1	< 5.0	< 5.0	<0.20
Semi-Volatile Organic Compounds (ug/L)						
D027	1,4-Dichlorobenzene	7,500		< 10	< 10	<7500
D041	2,4,5-Trichlorophenol	400,000		< 10	< 10	<400,000
D042	2,4,6-Trichlorophenol	2,000		< 10	< 10	<2000
D030	2,4-Dinitrotoluene	130		< 10	< 10	<130
D023	2-Methylphenol (o-Cresol)	200,000		< 10	< 10	<200,000
D024, D025	3+4-Methylphenol (m, p-Cresol)	200,000		< 10	< 10	<200,000
D032	Hexachlorobenzene	130		< 10	< 10	<130
D033	Hexachlorobutadiene	500		< 10	< 10	<500
D034	Hexachloroethane	3,000		< 10	< 10	<3000
D036	Nitrobenzene	2,000		< 10	< 10	<2000
D037	Pentachlorophenol	100,000		< 20	< 20	<100,000
D038	Pyridine	5,000		< 10	< 10	<5,000
General Chemistry (mg/L unless otherwise stated)						
	Specific Conductance (umhos/cm)			2200	2400	3100
	Bromide			1.7	2	2.3
	Chloride		250 *	410	470	600
	Fluoride			<0.050	<0.050	5.9
	Nitrate + Nitrite as N			<1.0	<0.050	<2.5
	Phosphorus, Orthophosphate (As P)			< 2.5	< 2.5	<2.5
	Sulfate		600 *	59	69	80
	Total Dissolved Solids		10,000	1470	1540	1920
	pH (pH Units)			7.32	7.5	7.34
	Bicarbonate (As CaCO3)			415	504.7	499
	Carbonate (As CaCO3)			<2.0	<2.0	<2.0
	Total Alkalinity (as CaCO3)			415	504.7	499
	Oxidation-Reduction Potential (mV)			184	-155.7	
	Specific Gravity			0.9991	1.0010	1.0020
Total Metals (mg/L)						
D004	Arsenic	5.0		< 0.020	< 0.020	0.035
D005	Barium	100		0.34	0.35	0.17
D006	Cadmium	1.0		< 0.0020	< 0.0020	< 0.0020
D007	Chromium	5.0		< 0.0060	< 0.0060	< 0.0060
D008	Lead	5.0		< 0.0050	0.0063	< 0.0050
	Magnesium			26	33	43
	Potassium			8.4	10	14
D010	Selenium	1.0		< 0.050	< 0.050	< 0.050
D011	Silver	5.0		< 0.0050	< 0.0050	< 0.0050
	Sodium			340	430	530
D009	Mercury	0.2	0.002	<0.00020	0.00024	< 0.00020
Dissolved Metals (mg/L)						
	Calcium		0.01	100	84	53
	Magnesium			26	32	43
	Potassium			8.1	9.9	14
	Sodium			330	370	530
Ignitability, Corrosivity, and Reactivity						
D003	Reactive Cyanide (mg/L)			<0.0500	< 0.00500	<0.00500
D003	Reactive Sulfide (mg/L)			<20	0.099	0.125
D001	Ignitability (°F)	< 140° F		>170	>170	>170
D002	Corrosivity (pH Units)	< 2 or ≥ 12.5	6-9	7.32	7.5	7.09
Pesticides (ug/L)						
	Chlordane	30		na	< 5.0	<0.030
Field Parameters						
	Oxidation-Reduction Potential (mV)			67.3	-155.7	-75.6
	Specific Conductance (umhos/cm)			2,161	1,838	3,187
	pH			8.26	7.62	7.02
	Temperature (°C)			21.7	31.5	34.8

Notes:

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

APPENDIX C

Analytical Laboratory Report



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

October 18, 2017

Kelly Robinson

Western Refining Southwest, Inc.
#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX (505) 632-3911

RE: BPT Injection Well 9 13 17

OrderNo.: 1709746

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/14/2017 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1709746

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: BPT Injection Well 9 13 17

Collection Date: 9/13/2017 11:20:00 AM

Lab ID: 1709746-001

Matrix: AQUEOUS

Received Date: 9/14/2017 7:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES TCLP							Analyst: MAB
Chlordane	ND	0.030		mg/L	1	9/27/2017 1:41:44 PM	33957
Endrin	ND	0.020		mg/L	1	9/27/2017 1:41:44 PM	33957
gamma-BHC (Lindane)	ND	0.40		mg/L	1	9/27/2017 1:41:44 PM	33957
Heptachlor	ND	0.0080		mg/L	1	9/27/2017 1:41:44 PM	33957
Heptachlor epoxide	ND	0.0080		mg/L	1	9/27/2017 1:41:44 PM	33957
Methoxychlor	ND	10		mg/L	1	9/27/2017 1:41:44 PM	33957
Toxaphene	ND	0.50		mg/L	1	9/27/2017 1:41:44 PM	33957
Surr: Decachlorobiphenyl	85.8	57.8-124		%Rec	1	9/27/2017 1:41:44 PM	33957
Surr: Tetrachloro-m-xylene	81.5	43-114		%Rec	1	9/27/2017 1:41:44 PM	33957
EPA METHOD 8270C TCLP							Analyst: DAM
2-Methylphenol	ND	200		mg/L	1	9/27/2017 4:13:14 PM	33908
3+4-Methylphenol	ND	200		mg/L	1	9/27/2017 4:13:14 PM	33908
Phenol	ND	200		mg/L	1	9/27/2017 4:13:14 PM	33908
2,4-Dinitrotoluene	ND	0.13		mg/L	1	9/27/2017 4:13:14 PM	33908
Hexachlorobenzene	ND	0.13		mg/L	1	9/27/2017 4:13:14 PM	33908
Hexachlorobutadiene	ND	0.50		mg/L	1	9/27/2017 4:13:14 PM	33908
Hexachloroethane	ND	3.0		mg/L	1	9/27/2017 4:13:14 PM	33908
Nitrobenzene	ND	2.0		mg/L	1	9/27/2017 4:13:14 PM	33908
Pentachlorophenol	ND	100		mg/L	1	9/27/2017 4:13:14 PM	33908
Pyridine	ND	5.0		mg/L	1	9/27/2017 4:13:14 PM	33908
2,4,5-Trichlorophenol	ND	400		mg/L	1	9/27/2017 4:13:14 PM	33908
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	9/27/2017 4:13:14 PM	33908
Cresols, Total	ND	200		mg/L	1	9/27/2017 4:13:14 PM	33908
Surr: 2-Fluorophenol	44.6	15-124		%Rec	1	9/27/2017 4:13:14 PM	33908
Surr: Phenol-d5	38.8	15-118		%Rec	1	9/27/2017 4:13:14 PM	33908
Surr: 2,4,6-Tribromophenol	65.9	15-148		%Rec	1	9/27/2017 4:13:14 PM	33908
Surr: Nitrobenzene-d5	82.7	40.6-124		%Rec	1	9/27/2017 4:13:14 PM	33908
Surr: 2-Fluorobiphenyl	61.8	35.7-128		%Rec	1	9/27/2017 4:13:14 PM	33908
Surr: 4-Terphenyl-d14	57.0	18.8-115		%Rec	1	9/27/2017 4:13:14 PM	33908
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	1.002	0			1	9/15/2017 2:17:00 PM	R45658
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	5.9	0.50	*	mg/L	5	9/14/2017 3:12:54 PM	R45644
Chloride	600	25	*	mg/L	50	9/27/2017 4:01:08 PM	R45948
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	9/14/2017 3:12:54 PM	R45644
Bromide	2.3	0.50		mg/L	5	9/14/2017 3:12:54 PM	R45644
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	9/14/2017 3:12:54 PM	R45644
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	9/14/2017 3:12:54 PM	R45644

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1709746

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: BPT Injection Well 9 13 17

Collection Date: 9/13/2017 11:20:00 AM

Lab ID: 1709746-001

Matrix: AQUEOUS

Received Date: 9/14/2017 7:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Sulfate	80	2.5		mg/L	5	9/14/2017 3:12:54 PM	R45644
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	3100	5.0		µmhos/cm	1	9/19/2017 2:03:47 PM	R45747
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO ₃)	499.0	20.00		mg/L CaCO ₃	1	9/19/2017 2:03:47 PM	R45747
Carbonate (As CaCO ₃)	ND	2.000		mg/L CaCO ₃	1	9/19/2017 2:03:47 PM	R45747
Total Alkalinity (as CaCO ₃)	499.0	20.00		mg/L CaCO ₃	1	9/19/2017 2:03:47 PM	R45747
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	1920	100	*D	mg/L	1	9/22/2017 10:23:00 AM	33959
SM4500-H+B: PH							Analyst: JRR
pH	7.34		H	pH units	1	9/19/2017 2:03:47 PM	R45747
EPA METHOD 7470: MERCURY							Analyst: MED
Mercury	ND	0.00020		mg/L	1	9/27/2017 9:25:56 AM	34071
EPA METHOD 6010B: DISSOLVED METALS							Analyst: TES
Calcium	53	5.0		mg/L	5	9/19/2017 1:02:14 PM	A45714
Magnesium	43	5.0		mg/L	5	9/19/2017 1:02:14 PM	A45714
Potassium	14	5.0		mg/L	5	9/19/2017 1:02:14 PM	A45714
Sodium	530	10		mg/L	10	9/28/2017 1:04:41 PM	A45960
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: TES
Arsenic	0.035	0.020		mg/L	1	9/19/2017 11:57:19 AM	33882
Barium	0.17	0.020		mg/L	1	9/19/2017 11:57:19 AM	33882
Cadmium	ND	0.0020		mg/L	1	9/19/2017 11:57:19 AM	33882
Chromium	ND	0.0060		mg/L	1	9/19/2017 11:57:19 AM	33882
Lead	ND	0.0050		mg/L	1	9/19/2017 11:57:19 AM	33882
Selenium	ND	0.050		mg/L	1	9/19/2017 11:57:19 AM	33882
Silver	ND	0.0050		mg/L	1	9/19/2017 11:57:19 AM	33882
TCLP VOLATILES BY 8260B							Analyst: RAA
Benzene	ND	0.50		mg/L	200	9/15/2017 1:25:00 AM	T45638
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	9/15/2017 1:25:00 AM	T45638
2-Butanone	ND	200		mg/L	200	9/15/2017 1:25:00 AM	T45638
Carbon Tetrachloride	ND	0.50		mg/L	200	9/15/2017 1:25:00 AM	T45638
Chloroform	ND	6.0		mg/L	200	9/15/2017 1:25:00 AM	T45638
1,4-Dichlorobenzene	ND	7.5		mg/L	200	9/15/2017 1:25:00 AM	T45638
1,1-Dichloroethene	ND	0.70		mg/L	200	9/15/2017 1:25:00 AM	T45638
Hexachlorobutadiene	ND	0.50		mg/L	200	9/15/2017 1:25:00 AM	T45638

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1709746

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: BPT Injection Well 9 13 17

Collection Date: 9/13/2017 11:20:00 AM

Lab ID: 1709746-001

Matrix: AQUEOUS

Received Date: 9/14/2017 7:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: RAA
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	9/15/2017 1:25:00 AM	T45638
Trichloroethene (TCE)	ND	0.50		mg/L	200	9/15/2017 1:25:00 AM	T45638
Vinyl chloride	ND	0.20		mg/L	200	9/15/2017 1:25:00 AM	T45638
Chlorobenzene	ND	100		mg/L	200	9/15/2017 1:25:00 AM	T45638
Surr: 1,2-Dichloroethane-d4	97.4	70-130		%Rec	200	9/15/2017 1:25:00 AM	T45638
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	200	9/15/2017 1:25:00 AM	T45638
Surr: Dibromofluoromethane	100	70-130		%Rec	200	9/15/2017 1:25:00 AM	T45638
Surr: Toluene-d8	91.2	70-130		%Rec	200	9/15/2017 1:25:00 AM	T45638

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

1709746-001G INJECTION WELL

Collected date/time: 09/13/17 11:20

SAMPLE RESULTS - 01

L936656

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Reactive Cyanide	ND		0.00500	1	09/21/2017 18:03	WG1023142

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Reactive Sulfide	0.125		0.0500	1	09/18/2017 17:47	WG1021084

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
Corrosivity by pH	7.09	T6	1	09/18/2017 10:32	WG1021485

Sample Narrative:

L936656-01 WG1021485: 7.09 at 15.2c

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	deg F			date / time	
Flashpoint	DNF at 170		1	09/22/2017 15:11	WG1023539

² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L936656

DATE/TIME:

09/22/17 16:01

Method Blank (MB)

(MB) R3251293-1 09/21/17 17:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Cyanide	U		0.0018	0.00500

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

(LCS) R3251293-2 09/21/17 17:55 • (LCSD) R3251293-3 09/21/17 17:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	0.104	0.104	104	104	85-115			0	20

L936656-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L936656-01 09/21/17 18:03 • (MS) R3251293-4 09/21/17 18:06 • (MSD) R3251293-5 09/21/17 18:07

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	0.0901	0.0861	86	82	1	75-125			5	20

Tc	Ss	Cn	Sr	Qc	Gl	Al	Sc
----	----	----	----	----	----	----	----

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L936656DATE/TIME:
09/22/17 16:01



Method Blank (MB)

(MB) R3250199-1 09/18/17 17:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.0065	0.0500

L934254-02 Original Sample (OS) • Duplicate (DUP)

(OS) L934254-02 09/18/17 17:43 • (DUP) R3250199-4 09/18/17 17:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Sulfide	1.06	1.06	2	0		20

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

(LCS) R3250199-2 09/18/17 17:43 • (LCSD) R3250199-3 09/18/17 17:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Reactive Sulfide	0.500	0.503	0.511	101	102	85-115			2	20

WG1021485

Wet Chemistry by Method 9040C

QUALITY CONTROL SUMMARY

L936656-01

ONE LAB. NATIONWIDE.

L936656-01 Original Sample (OS) • Duplicate (DUP)

(OS) L936656-01 09/18/17 10:32 • (DUP) WG1021485-3 09/18/17 10:32

Analyte	Original Result	DUP Result	DUP RPD	DUP Qualifier	DUP RPD Limits
Corrosivity by pH	su 7.09	su 7.09	% 0.000	12	% 1

Sample Narrative:

OS: 7.09 at 15.2c

DUP: 7.09 at 15.2c

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCS-D)

(LCS) WG1021485-1 09/18/17 10:32 • (LCS-D) WG1021485-2 09/18/17 10:32

Analyte	Spike Amount	LCS Result	LCS Rec.	LCS-D Result	LCS-D Rec.	Rec. Limits	LCS Qualifier	LCS-D Qualifier	RPD	RPD Limits
Corrosivity by pH	su 10.0	su 9.95	% 99.5	su 9.96	% 99.6	% 98.4-102			% 0.100	% 1

Sample Narrative:

LCS: 9.95 at 20.1c

LCS-D: 9.96 at 20.0c

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L936656

DATE/TIME:
09/22/17 16:01

1	Tc
2	Ss
3	Cu
4	Sr
5	Qc
6	Gl
7	Al
8	Sc

WG1023539

Wet Chemistry by Method D93/1010A

QUALITY CONTROL SUMMARY

L936656-01

ONE LAB. NATIONWIDE.



L936656-01 Original Sample (OS) • Duplicate (DUP)

(OS) L936656-01 09/22/17 15:11 - (DUP) WG1023539-1 09/22/17 15:11

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

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

(LCS) R3251560-1 09/22/17 15:11 - (LCSD) R3251560-2 09/22/17 15:11

Analyte	Spike Amount		LCS Result		LCSD Result		LCS Rec.		LCSD Rec.		Rec. Limits		LCS Qualifier		LCSD Qualifier		RPD		RPD Limits	
	deg F		deg F		deg F		%		%		%		%		%	%		%		%
Flashpoint	82.0		80.3		80.6		98.0		98.0		96.0-104				0.000				10	

1	Tc
3	Ss
4	Cn
5	Sr
3	Qc
7	Gl
7	Al
5	Sc

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L936656

DATE/TIME:
09/22/17 16:01

1709746-001H INJECTION WELL

Collected date/time: 09/13/17 11:20

SAMPLE RESULTS - 01

L937490

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	mV 71.0		1	09/21/2017 16:57	<u>WG1023075</u>

²Tc³Ss⁴Cn⁵Sr²Qc⁷Gl⁶Al³ScACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L937490DATE/TIME:
09/26/17 09:22

WG1023075

Wet Chemistry by Method 2580

QUALITY CONTROL SUMMARY

L937490-01

ONE LAB. NATIONWIDE.

L937490-01 Original Sample (OS) • Duplicate (DUP)

(OS) L937490-01 09/21/17 16:57 • (DUP) WG1023075-3 09/21/17 16:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
ORP	mV	mV		%	%	%
	71.0	70.0	1	1.42		20

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

(LCS) WG1023075-1 09/21/17 16:57 • (LCSD) WG1023075-2 09/21/17 16:57

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
ORP	mV	mV	mV	%	%	%	%	%	%	%
	228	228	229	100	100	90.0-110		0.438		20



ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
L937490

DATE/TIME:
09/26/17 09:22

GLOSSARY OF TERMS

ONE LAB. NATIONWIDE.



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.

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, 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.
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.
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	MB		SampType:	mblk		TestCode:	EPA Method 300.0: Anions			
Client ID:	PBW		Batch ID:	R45644		RunNo:	45644			
Prep Date:			Analysis Date:	9/14/2017		SeqNo:	1448506	Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.100								
Nitrogen, Nitrite (As N)	ND	0.100								
Bromide	ND	0.100								
Nitrogen, Nitrate (As N)	ND	0.100								
Phosphorus, Orthophosphate (As P)	ND	0.500								
Sulfate	ND	0.500								

Sample ID	LCS		SampType:	lcs		TestCode:	EPA Method 300.0: Anions			
Client ID:	LCSW		Batch ID:	R45644		RunNo:	45644			
Prep Date:			Analysis Date:	9/14/2017		SeqNo:	1448507	Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.541	0.100	0.5000	0	108	90	110			
Nitrogen, Nitrite (As N)	0.953	0.100	1.000	0	95.3	90	110			
Bromide	2.45	0.100	2.500	0	97.9	90	110			
Nitrogen, Nitrate (As N)	2.53	0.100	2.500	0	101	90	110			
Phosphorus, Orthophosphate (As P)	4.76	0.500	5.000	0	95.1	90	110			
Sulfate	9.84	0.500	10.00	0	98.4	90	110			

Sample ID	MB		SampType:	mblk		TestCode:	EPA Method 300.0: Anions			
Client ID:	PBW		Batch ID:	R45948		RunNo:	45948			
Prep Date:			Analysis Date:	9/27/2017		SeqNo:	1460425	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:	R45948		RunNo:	45948			
Prep Date:			Analysis Date:	9/27/2017		SeqNo:	1460426	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	93.5	90	110			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	100ng lcs	SampType: LCS			TestCode: TCLP Volatiles by 8260B					
Client ID:	LCSW	Batch ID: T45638			RunNo: 45638					
Prep Date:	Analysis Date: 9/14/2017			SeqNo: 1448337			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	105	70	130			
1,1-Dichloroethene	0.022	0.010	0.02000	0	110	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	102	70	130			
Chlorobenzene	0.020	0.010	0.02000	0	99.1	70	130			
Surr: 1,2-Dichloroethane-d4	0.0094		0.01000		94.3	70	130			
Surr: 4-Bromofluorobenzene	0.0097		0.01000		96.6	70	130			
Surr: Dibromofluoromethane	0.0097		0.01000		97.0	70	130			
Surr: Toluene-d8	0.0092		0.01000		91.6	70	130			

Sample ID: rb	SampType: MBLK			TestCode: TCLP Volatiles by 8260B						
Client ID: PBW	Batch ID: T45638			RunNo: 45638						
Prep Date:	Analysis Date: 9/14/2017			SeqNo: 1448338		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								
Hexachlorobutadiene	ND	0.50								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.0096		0.01000		95.9	70	130			
Surr: 4-Bromofluorobenzene	0.0096		0.01000		96.2	70	130			
Surr: Dibromofluoromethane	0.0096		0.01000		96.0	70	130			
Surr: Toluene-d8	0.0091		0.01000		91.4	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID: 1709746-001cms	SampType: MS		TestCode: EPA Method 8270C TCLP							
Client ID: Injection Well	Batch ID: 33908		RunNo: 45933							
Prep Date: 9/18/2017	Analysis Date: 9/27/2017		SeqNo: 1460039		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.069	0.0010	0.1000	0	69.0	23.9	129			
3+4-Methylphenol	0.13	0.0010	0.2000	0	64.6	15	167			
2,4-Dinitrotoluene	0.063	0.0010	0.1000	0	63.3	15	147			
Hexachlorobenzene	0.073	0.0010	0.1000	0	72.5	41.4	136			
Hexachlorobutadiene	0.069	0.0010	0.1000	0	68.5	16.2	134			
Hexachloroethane	0.056	0.0010	0.1000	0	56.5	20.6	124			
Nitrobenzene	0.081	0.0010	0.1000	0	80.8	39.5	134			
Pentachlorophenol	0.028	0.0010	0.1000	0	28.3	15	137			
Pyridine	0.011	0.0010	0.1000	0	11.0	15	129			S
2,4,5-Trichlorophenol	0.080	0.0010	0.1000	0	79.8	15	158			
2,4,6-Trichlorophenol	0.073	0.0010	0.1000	0	72.9	15	153			
Cresols, Total	0.20	0.0010	0.3000	0	66.1	10.6	179			
Surr: 2-Fluorophenol	0.095		0.2000		47.3	15	124			
Surr: Phenol-d5	0.078		0.2000		38.9	15	118			
Surr: 2,4,6-Tribromophenol	0.13		0.2000		66.7	15	148			
Surr: Nitrobenzene-d5	0.085		0.1000		84.7	40.6	124			
Surr: 2-Fluorobiphenyl	0.070		0.1000		69.6	35.7	128			
Surr: 4-Terphenyl-d14	0.059		0.1000		58.7	18.8	115			

Sample ID: 1709746-001cmsd	SampType: MSD		TestCode: EPA Method 8270C TCLP							
Client ID: Injection Well	Batch ID: 33908		RunNo: 45933							
Prep Date: 9/18/2017	Analysis Date: 9/27/2017		SeqNo: 1460040		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.062	0.0010	0.1000	0	62.5	23.9	129	9.98	20	
3+4-Methylphenol	0.12	0.0010	0.2000	0	61.3	15	167	5.28	20	
2,4-Dinitrotoluene	0.056	0.0010	0.1000	0	56.3	15	147	11.7	23.2	
Hexachlorobenzene	0.071	0.0010	0.1000	0	70.8	41.4	136	2.46	20	
Hexachlorobutadiene	0.065	0.0010	0.1000	0	64.5	16.2	134	5.98	20	
Hexachloroethane	0.051	0.0010	0.1000	0	51.5	20.6	124	9.27	31.3	
Nitrobenzene	0.081	0.0010	0.1000	0	80.9	39.5	134	0.124	26.6	
Pentachlorophenol	0.040	0.0010	0.1000	0	40.5	15	137	35.5	27.9	R
Pyridine	0.0090	0.0010	0.1000	0	8.96	15	129	20.8	47.4	S
2,4,5-Trichlorophenol	0.072	0.0010	0.1000	0	71.6	15	158	10.9	36.9	
2,4,6-Trichlorophenol	0.077	0.0010	0.1000	0	77.0	15	153	5.42	37.2	
Cresols, Total	0.18	0.0010	0.3000	0	61.7	10.6	179	6.89	27.4	
Surr: 2-Fluorophenol	0.087		0.2000		43.6	15	124	0	0	
Surr: Phenol-d5	0.074		0.2000		37.0	15	118	0	0	
Surr: 2,4,6-Tribromophenol	0.14		0.2000		68.1	15	148	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	1709746-001cmsd	SampType: MSD	TestCode: EPA Method 8270C TCLP							
Client ID:	Injection Well	Batch ID: 33908	RunNo: 45933							
Prep Date:	9/18/2017	Analysis Date: 9/27/2017	SeqNo: 1460040		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.082		0.1000		81.7	40.6	124	0	0	
Surr: 2-Fluorobiphenyl	0.070		0.1000		69.8	35.7	128	0	0	
Surr: 4-Terphenyl-d14	0.051		0.1000		51.1	18.8	115	0	0	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	MB-34071	SampType:	MBLK	TestCode:	EPA Method 7470: Mercury					
Client ID:	PBW	Batch ID:	34071	RunNo:	45912					
Prep Date:	9/26/2017	Analysis Date:	9/27/2017	SeqNo:	1459048	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	LCS-34071	SampType:	LCS	TestCode:	EPA Method 7470: Mercury					
Client ID:	LCSW	Batch ID:	34071	RunNo:	45912					
Prep Date:	9/26/2017	Analysis Date:	9/27/2017	SeqNo:	1459049	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	97.0	80	120			

Sample ID	1709746-001DMS	SampType:	MS	TestCode:	EPA Method 7470: Mercury					
Client ID:	Injection Well	Batch ID:	34071	RunNo:	45912					
Prep Date:	9/26/2017	Analysis Date:	9/27/2017	SeqNo:	1459053	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0050	0.00020	0.005000	.00004788	98.8	75	125			

Sample ID	1709746-001DMSD	SampType:	MSD	TestCode:	EPA Method 7470: Mercury					
Client ID:	Injection Well	Batch ID:	34071	RunNo:	45912					
Prep Date:	9/26/2017	Analysis Date:	9/27/2017	SeqNo:	1459054	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	.00004788	97.9	75	125	0.906	20	

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	MB-A	SampType:	MBLK	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	PBW	Batch ID:	A45714	RunNo:	45714					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452976	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								

Sample ID	LCS-A	SampType:	LCS	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	LCSW	Batch ID:	A45714	RunNo:	45714					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452977	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	52	1.0	50.00	0	104	80	120			
Magnesium	54	1.0	50.00	0	108	80	120			
Potassium	53	1.0	50.00	0	106	80	120			

Sample ID	MB-A	SampType:	MBLK	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	PBW	Batch ID:	A45960	RunNo:	45960					
Prep Date:		Analysis Date:	9/28/2017	SeqNo:	1461012	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	ND	1.0								

Sample ID	LCS-A	SampType:	LCS	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	LCSW	Batch ID:	A45960	RunNo:	45960					
Prep Date:		Analysis Date:	9/28/2017	SeqNo:	1461013	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	51	1.0	50.00	0	102	80	120			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	MB-33882		SampType:	MBLK		TestCode:	EPA 6010B: Total Recoverable Metals				
Client ID:	PBW		Batch ID:	33882		RunNo:	45714				
Prep Date:	9/15/2017		Analysis Date:	9/19/2017		SeqNo:	1451478		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Arsenic	ND	0.020									
Barium	ND	0.020									
Cadmium	ND	0.0020									
Chromium	ND	0.0060									
Lead	ND	0.0050									
Silver	ND	0.0050									

Sample ID	LCS-33882		SampType: LCS		TestCode: EPA 6010B: Total Recoverable Metals					
Client ID:	LCSW		Batch ID: 33882		RunNo: 45714					
Prep Date:	9/15/2017		Analysis Date: 9/19/2017		SeqNo: 1451479		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.52	0.020	0.5000	0	103	80	120			
Barium	0.49	0.020	0.5000	0	98.6	80	120			
Cadmium	0.49	0.0020	0.5000	0	98.8	80	120			
Chromium	0.49	0.0060	0.5000	0	98.1	80	120			
Lead	0.48	0.0050	0.5000	0	95.7	80	120			
Silver	0.10	0.0050	0.1000	0	103	80	120			

Sample ID	MB-33882		SampType:	MBLK		TestCode:	EPA 6010B: Total Recoverable Metals				
Client ID:	PBW		Batch ID:	33882		RunNo:	45714				
Prep Date:	9/15/2017		Analysis Date:	9/19/2017		SeqNo:	1451496		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Selenium	ND	0.050									

Sample ID	LCS-33882		SampType:	LCS		TestCode:	EPA 6010B: Total Recoverable Metals				
Client ID:	LCSW		Batch ID:	33882		RunNo:	45714				
Prep Date:	9/15/2017		Analysis Date:	9/19/2017		SeqNo:	1451497		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Selenium	0.49	0.050	0.5000	0	98.4	80	120				

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	mb-1	SampType:	MBLK	TestCode:	SM2320B: Alkalinity					
Client ID:	PBW	Batch ID:	R45747	RunNo:	45747					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452652	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		SampType: LCS		TestCode: SM2320B: Alkalinity					
Client ID:	LCSW		Batch ID: R45747		RunNo: 45747					
Prep Date:			Analysis Date: 9/19/2017		SeqNo: 1452653		Units: mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.40	20.00	80.00	0	101	90	110			

Sample ID	mb-2	SampType:	MBLK	TestCode:	SM2320B: Alkalinity					
Client ID:	PBW	Batch ID:	R45747	RunNo:	45747					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452675	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	Ics-2	SampType:	LCS	TestCode:	SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID:	R45747	RunNo:	45747					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452676	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.92	20.00	80.00	0	101	90	110			

Sample ID	mb-3	SampType:	MBLK	TestCode:	SM2320B: Alkalinity					
Client ID:	PBW	Batch ID:	R45747	RunNo:	45747					
Prep Date:		Analysis Date:	9/19/2017	SeqNo:	1452699	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-3		SampType:	LCS		TestCode:	SM2320B: Alkalinity				
Client ID:	LCSW		Batch ID:	R45747		RunNo:	45747				
Prep Date:			Analysis Date:	9/19/2017		SeqNo:	1452700		Units:		mg/L CaCO3
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Total Alkalinity (as CaCO3)	80.84	20.00	80.00	0	101	90	110				

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	1709746-001EDUP	SampType:	DUP	TestCode:	Specific Gravity					
Client ID:	Injection Well	Batch ID:	R45658	RunNo:	45658					
Prep Date:		Analysis Date:	9/15/2017	SeqNo:	1449109	Units:				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Specific Gravity	1.001	0						0.110	20	

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709746

18-Oct-17

Client: Western Refining Southwest, Inc.

Project: BPT Injection Well 9 13 17

Sample ID	MB-33959	SampType:	MBLK	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	PBW	Batch ID:	33959	RunNo:	45804					
Prep Date:	9/20/2017	Analysis Date:	9/22/2017	SeqNo:	1455608	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID	LCS-33959		SampType:	LCS		TestCode:	SM2540C MOD: Total Dissolved Solids				
Client ID:	LCSW		Batch ID:	33959		RunNo:	45804				
Prep Date:	9/20/2017		Analysis Date:	9/22/2017		SeqNo:	1455609		Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Total Dissolved Solids	1020	20.0	1000	0	102	80	120				

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified



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 Southw

Work Order Number: 1709746

ReptNo: 1

Received By: Isaiah Ortiz 9/14/2017 7:05:00 AM

Completed By: Ashley Gallegos 9/14/2017 9:01:05 AM

Reviewed By: ENM 9/14/17

IO

AS

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH: 2, 2
(<2 or >12 unless noted)
Adjusted? No
Checked by: Re

Special Handling (if applicable)

16. 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:			

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 – 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- Eh;
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3; and,
- EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

**WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2**

**UICI-011 (WDW-2)
July 20, 2016**

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B 8260B	0.5
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A 8270D	2.0
D043	Vinyl chloride	8021B 8260B	0.2

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level.

If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
July 1, 2017 – September 31, 2017**

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
01-Jul-17 00:00:00	20	2	1279	25838
01-Jul-17 00:30:00	20	2	1283	25852
01-Jul-17 01:00:00	20	2	1280	25867
01-Jul-17 01:30:00	20	2	1281	25882
01-Jul-17 02:00:00	20	2	1277	25896
01-Jul-17 02:30:00	21	2	1279	25911
01-Jul-17 03:00:00	20	2	1280	25925
01-Jul-17 03:30:00	20	2	1279	25940
01-Jul-17 04:00:00	21	2	1282	25954
01-Jul-17 04:30:00	20	2	1283	25969
01-Jul-17 05:00:00	21	1	1280	25984
01-Jul-17 05:30:00	21	1	1280	25998
01-Jul-17 06:00:00	20	1	1281	26012
01-Jul-17 06:30:00	21	1	1281	26027
01-Jul-17 07:00:00	20	1	1278	26041
01-Jul-17 07:30:00	20	1	1282	26056
01-Jul-17 08:00:00	21	1	1283	26070
01-Jul-17 08:30:00	20	1	1279	26085
01-Jul-17 09:00:00	20	1	1279	26099
01-Jul-17 09:30:00	20	1	1279	26114
01-Jul-17 10:00:00	21	1	1281	26128
01-Jul-17 10:30:00	20	1	1282	26143
01-Jul-17 11:00:00	20	1	1279	26157
01-Jul-17 11:30:00	20	2	1283	26172
01-Jul-17 12:00:00	20	2	1279	26186
01-Jul-17 12:30:00	20	2	1283	26200
01-Jul-17 13:00:00	20	2	1284	26215
01-Jul-17 13:30:00	20	2	1280	26229
01-Jul-17 14:00:00	20	2	1280	26243
01-Jul-17 14:30:00	21	2	1281	26258
01-Jul-17 15:00:00	20	2	1281	26272
01-Jul-17 15:30:00	20	2	1284	26286
01-Jul-17 16:00:00	21	2	1281	26301
01-Jul-17 16:30:00	21	2	1283	26315
01-Jul-17 17:00:00	20	2	1280	26329
01-Jul-17 17:30:00	21	2	1282	26343
01-Jul-17 18:00:00	19	2	1282	26357
01-Jul-17 18:30:00	20	2	1281	26372
01-Jul-17 19:00:00	19	2	1283	26386
01-Jul-17 19:30:00	19	2	1277	26400
01-Jul-17 20:00:00	20	2	1281	26414
01-Jul-17 20:30:00	20	2	1279	26428
01-Jul-17 21:00:00	20	2	1282	26442
01-Jul-17 21:30:00	19	2	1281	26456

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
01-Jul-17 22:00:00	20	2	1283	26470
01-Jul-17 22:30:00	20	2	1282	26484
01-Jul-17 23:00:00	19	2	1283	26498
01-Jul-17 23:30:00	19	2	1279	26512
02-Jul-17 00:00:00	20	2	1281	26526
02-Jul-17 00:30:00	20	2	1282	26540
02-Jul-17 01:00:00	20	2	1283	26554
02-Jul-17 01:30:00	19	2	1283	26568
02-Jul-17 02:00:00	19	2	1281	26582
02-Jul-17 02:30:00	20	2	1283	26596
02-Jul-17 03:00:00	19	2	1282	26610
02-Jul-17 03:30:00	20	2	1280	26624
02-Jul-17 04:00:00	19	2	1280	26638
02-Jul-17 04:30:00	19	2	1279	26652
02-Jul-17 05:00:00	20	2	1283	26666
02-Jul-17 05:30:00	20	2	1282	26680
02-Jul-17 06:00:00	20	2	1281	26694
02-Jul-17 06:30:00	20	2	1279	26708
02-Jul-17 07:00:00	20	2	1281	26722
02-Jul-17 07:30:00	20	2	1283	26736
02-Jul-17 08:00:00	20	2	1282	26750
02-Jul-17 08:30:00	20	2	1282	26764
02-Jul-17 09:00:00	19	2	1281	26778
02-Jul-17 09:30:00	20	2	1281	26792
02-Jul-17 10:00:00	20	2	1280	26806
02-Jul-17 10:30:00	21	2	1279	26820
02-Jul-17 11:00:00	19	2	1281	26834
02-Jul-17 11:30:00	20	2	1279	26848
02-Jul-17 12:00:00	20	2	1283	26861
02-Jul-17 12:30:00	20	2	1283	26875
02-Jul-17 13:00:00	19	2	1280	26889
02-Jul-17 13:30:00	19	2	1280	26903
02-Jul-17 14:00:00	20	2	1282	26917
02-Jul-17 14:30:00	19	2	1279	26931
02-Jul-17 15:00:00	19	2	1279	26944
02-Jul-17 15:30:00	19	2	1279	26958
02-Jul-17 16:00:00	20	2	1280	26972
02-Jul-17 16:30:00	20	2	1283	26986
02-Jul-17 17:00:00	20	2	1281	27000
02-Jul-17 17:30:00	20	2	1281	27014
02-Jul-17 18:00:00	19	2	1279	27027
02-Jul-17 18:30:00	19	2	1280	27041
02-Jul-17 19:00:00	19	2	1283	27055
02-Jul-17 19:30:00	19	2	1281	27068
02-Jul-17 20:00:00	19	2	1281	27082

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
02-Jul-17 20:30:00	19	2	1282	27096
02-Jul-17 21:00:00	19	2	1282	27109
02-Jul-17 21:30:00	19	2	1284	27123
02-Jul-17 22:00:00	19	2	1282	27137
02-Jul-17 22:30:00	20	2	1285	27151
02-Jul-17 23:00:00	19	2	1282	27164
02-Jul-17 23:30:00	20	2	1281	27178
03-Jul-17 00:00:00	19	2	1282	27192
03-Jul-17 00:30:00	20	2	1279	27206
03-Jul-17 01:00:00	19	2	1283	27219
03-Jul-17 01:30:00	19	2	1281	27233
03-Jul-17 02:00:00	20	2	1283	27247
03-Jul-17 02:30:00	19	2	1282	27260
03-Jul-17 03:00:00	19	2	1280	27274
03-Jul-17 03:30:00	18	2	1281	27288
03-Jul-17 04:00:00	18	2	1281	27301
03-Jul-17 04:30:00	19	2	1281	27315
03-Jul-17 05:00:00	18	2	1283	27328
03-Jul-17 05:30:00	19	2	1283	27342
03-Jul-17 06:00:00	19	2	1282	27355
03-Jul-17 06:30:00	19	2	1283	27369
03-Jul-17 07:00:00	19	2	1282	27382
03-Jul-17 07:30:00	19	2	1280	27396
03-Jul-17 08:00:00	19	2	1278	27409
03-Jul-17 08:30:00	18	2	1281	27423
03-Jul-17 09:00:00	19	2	1283	27436
03-Jul-17 09:30:00	22	1	1290	27452
03-Jul-17 10:00:00	21	1	1290	27468
03-Jul-17 10:30:00	21	1	1287	27483
03-Jul-17 11:00:00	21	1	1289	27498
03-Jul-17 11:30:00	20	1	1293	27513
03-Jul-17 12:00:00	21	1	1291	27527
03-Jul-17 12:30:00	20	1	1290	27542
03-Jul-17 13:00:00	20	1	1289	27556
03-Jul-17 13:30:00	19	1	1290	27571
03-Jul-17 14:00:00	20	1	1290	27585
03-Jul-17 14:30:00	20	1	1288	27600
03-Jul-17 15:00:00	20	1	1289	27614
03-Jul-17 15:30:00	20	1	1293	27628
03-Jul-17 16:00:00	19	2	1293	27642
03-Jul-17 16:30:00	20	2	1292	27657
03-Jul-17 17:00:00	20	2	1289	27671
03-Jul-17 17:30:00	20	2	1290	27685
03-Jul-17 18:00:00	20	2	1289	27699
03-Jul-17 18:30:00	19	2	1293	27713

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
03-Jul-17 19:00:00	19	2	1289	27727
03-Jul-17 19:30:00	20	2	1292	27741
03-Jul-17 20:00:00	20	2	1291	27755
03-Jul-17 20:30:00	20	2	1291	27769
03-Jul-17 21:00:00	19	2	1292	27783
03-Jul-17 21:30:00	19	2	1291	27797
03-Jul-17 22:00:00	19	2	1290	27811
03-Jul-17 22:30:00	18	2	1292	27825
03-Jul-17 23:00:00	20	2	1290	27839
03-Jul-17 23:30:00	19	2	1289	27853
04-Jul-17 00:00:00	19	2	1291	27867
04-Jul-17 00:30:00	20	2	1291	27881
04-Jul-17 01:00:00	20	2	1293	27895
04-Jul-17 01:30:00	19	2	1288	27909
04-Jul-17 02:00:00	19	2	1290	27923
04-Jul-17 02:30:00	19	2	1291	27936
04-Jul-17 03:00:00	19	2	1290	27950
04-Jul-17 03:30:00	19	2	1291	27964
04-Jul-17 04:00:00	19	2	1289	27978
04-Jul-17 04:30:00	19	2	1292	27992
04-Jul-17 05:00:00	20	2	1291	28006
04-Jul-17 05:30:00	19	2	1288	28019
04-Jul-17 06:00:00	20	2	1292	28033
04-Jul-17 06:30:00	20	2	1289	28047
04-Jul-17 07:00:00	19	2	1291	28061
04-Jul-17 07:30:00	19	2	1291	28075
04-Jul-17 08:00:00	19	2	1292	28088
04-Jul-17 08:30:00	20	2	1291	28102
04-Jul-17 09:00:00	19	2	1289	28116
04-Jul-17 09:30:00	19	2	1293	28130
04-Jul-17 10:00:00	19	2	1290	28144
04-Jul-17 10:30:00	20	2	1292	28158
04-Jul-17 11:00:00	19	2	1293	28171
04-Jul-17 11:30:00	18	2	1292	28185
04-Jul-17 12:00:00	19	2	1290	28199
04-Jul-17 12:30:00	18	2	1290	28212
04-Jul-17 13:00:00	19	2	1291	28226
04-Jul-17 13:30:00	20	2	1290	28239
04-Jul-17 14:00:00	19	2	1290	28253
04-Jul-17 14:30:00	19	2	1291	28266
04-Jul-17 15:00:00	19	2	1292	28280
04-Jul-17 15:30:00	19	2	1292	28294
04-Jul-17 16:00:00	18	2	1291	28307
04-Jul-17 16:30:00	19	2	1288	28321
04-Jul-17 17:00:00	19	2	1291	28334

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
04-Jul-17 17:30:00	19	2	1293	28347
04-Jul-17 18:00:00	19	2	1293	28361
04-Jul-17 18:30:00	19	2	1290	28374
04-Jul-17 19:00:00	19	2	1289	28388
04-Jul-17 19:30:00	19	2	1290	28401
04-Jul-17 20:00:00	18	2	1290	28414
04-Jul-17 20:30:00	20	2	1292	28428
04-Jul-17 21:00:00	18	2	1291	28441
04-Jul-17 21:30:00	19	2	1289	28455
04-Jul-17 22:00:00	19	2	1292	28468
04-Jul-17 22:30:00	18	2	1290	28481
04-Jul-17 23:00:00	19	2	1289	28495
04-Jul-17 23:30:00	18	2	1292	28508
05-Jul-17 00:00:00	19	2	1290	28521
05-Jul-17 00:30:00	18	2	1290	28535
05-Jul-17 01:00:00	19	2	1290	28548
05-Jul-17 01:30:00	18	2	1290	28562
05-Jul-17 02:00:00	18	2	1293	28575
05-Jul-17 02:30:00	19	2	1290	28588
05-Jul-17 03:00:00	18	2	1288	28602
05-Jul-17 03:30:00	19	2	1291	28615
05-Jul-17 04:00:00	19	2	1292	28628
05-Jul-17 04:30:00	18	2	1289	28642
05-Jul-17 05:00:00	19	2	1291	28655
05-Jul-17 05:30:00	18	2	1292	28668
05-Jul-17 06:00:00	18	2	1290	28681
05-Jul-17 06:30:00	19	2	1291	28695
05-Jul-17 07:00:00	19	2	1291	28708
05-Jul-17 07:30:00	18	2	1289	28721
05-Jul-17 08:00:00	18	2	1288	28735
05-Jul-17 08:30:00	18	2	1292	28748
05-Jul-17 09:00:00	19	2	1292	28761
05-Jul-17 09:30:00	19	2	1292	28775
05-Jul-17 10:00:00	18	2	1290	28788
05-Jul-17 10:30:00	20	2	1290	28801
05-Jul-17 11:00:00	18	2	1290	28815
05-Jul-17 11:30:00	18	2	1289	28828
05-Jul-17 12:00:00	18	2	1291	28841
05-Jul-17 12:30:00	18	2	1290	28855
05-Jul-17 13:00:00	18	2	1290	28868
05-Jul-17 13:30:00	18	2	1290	28882
05-Jul-17 14:00:00	19	2	1292	28895
05-Jul-17 14:30:00	18	2	1291	28908
05-Jul-17 15:00:00	18	2	1291	28922
05-Jul-17 15:30:00	18	2	1291	28935

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
05-Jul-17 16:00:00	19	2	1291	28948
05-Jul-17 16:30:00	18	2	1291	28962
05-Jul-17 17:00:00	20	2	1293	28975
05-Jul-17 17:30:00	18	2	1291	28988
05-Jul-17 18:00:00	18	3	1292	29001
05-Jul-17 18:30:00	18	3	1288	29014
05-Jul-17 19:00:00	18	3	1289	29027
05-Jul-17 19:30:00	19	3	1293	29040
05-Jul-17 20:00:00	18	2	1292	29054
05-Jul-17 20:30:00	19	2	1291	29067
05-Jul-17 21:00:00	18	2	1288	29080
05-Jul-17 21:30:00	19	2	1293	29093
05-Jul-17 22:00:00	18	3	1289	29106
05-Jul-17 22:30:00	19	3	1292	29120
05-Jul-17 23:00:00	19	3	1291	29133
05-Jul-17 23:30:00	17	3	1292	29146
06-Jul-17 00:00:00	18	3	1292	29159
06-Jul-17 00:30:00	18	3	1293	29172
06-Jul-17 01:00:00	18	3	1289	29185
06-Jul-17 01:30:00	19	3	1293	29198
06-Jul-17 02:00:00	18	3	1289	29212
06-Jul-17 02:30:00	19	3	1289	29225
06-Jul-17 03:00:00	19	3	1291	29238
06-Jul-17 03:30:00	18	3	1289	29251
06-Jul-17 04:00:00	19	3	1293	29264
06-Jul-17 04:30:00	16	3	1286	29277
06-Jul-17 05:00:00	16	3	1281	29288
06-Jul-17 05:30:00	16	3	1280	29300
06-Jul-17 06:00:00	16	3	1278	29311
06-Jul-17 06:30:00	16	3	1278	29323
06-Jul-17 07:00:00	20	3	1291	29336
06-Jul-17 07:30:00	19	3	1289	29350
06-Jul-17 08:00:00	19	3	1290	29363
06-Jul-17 08:30:00	19	2	1291	29377
06-Jul-17 09:00:00	19	2	1291	29390
06-Jul-17 09:30:00	19	2	1293	29404
06-Jul-17 10:00:00	19	2	1290	29417
06-Jul-17 10:30:00	18	2	1290	29430
06-Jul-17 11:00:00	19	2	1290	29444
06-Jul-17 11:30:00	18	2	1289	29457
06-Jul-17 12:00:00	18	2	1292	29470
06-Jul-17 12:30:00	19	2	1292	29483
06-Jul-17 13:00:00	19	2	1292	29496
06-Jul-17 13:30:00	19	2	1292	29510
06-Jul-17 14:00:00	18	3	1290	29523

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
06-Jul-17 14:30:00	19	3	1290	29536
06-Jul-17 15:00:00	18	3	1292	29549
06-Jul-17 15:30:00	18	3	1291	29562
06-Jul-17 16:00:00	19	3	1293	29575
06-Jul-17 16:30:00	19	3	1291	29588
06-Jul-17 17:00:00	18	3	1290	29601
06-Jul-17 17:30:00	18	3	1289	29614
06-Jul-17 18:00:00	19	3	1290	29626
06-Jul-17 18:30:00	19	3	1291	29639
06-Jul-17 19:00:00	18	3	1291	29652
06-Jul-17 19:30:00	18	3	1291	29665
06-Jul-17 20:00:00	18	3	1291	29678
06-Jul-17 20:30:00	18	3	1291	29691
06-Jul-17 21:00:00	18	3	1290	29704
06-Jul-17 21:30:00	18	3	1291	29717
06-Jul-17 22:00:00	18	3	1291	29730
06-Jul-17 22:30:00	17	3	1289	29743
06-Jul-17 23:00:00	17	3	1290	29755
06-Jul-17 23:30:00	17	3	1291	29768
07-Jul-17 00:00:00	18	3	1290	29781
07-Jul-17 00:30:00	18	3	1292	29794
07-Jul-17 01:00:00	18	3	1291	29806
07-Jul-17 01:30:00	17	3	1291	29819
07-Jul-17 02:00:00	19	3	1290	29832
07-Jul-17 02:30:00	19	3	1291	29845
07-Jul-17 03:00:00	17	3	1291	29857
07-Jul-17 03:30:00	15	3	1282	29869
07-Jul-17 04:00:00	15	3	1280	29879
07-Jul-17 04:30:00	15	3	1279	29890
07-Jul-17 05:00:00	15	3	1278	29901
07-Jul-17 05:30:00	20	3	1290	29913
07-Jul-17 06:00:00	19	3	1292	29927
07-Jul-17 06:30:00	19	3	1291	29940
07-Jul-17 07:00:00	18	3	1289	29954
07-Jul-17 07:30:00	18	3	1293	29967
07-Jul-17 08:00:00	17	3	1292	29980
07-Jul-17 08:30:00	18	3	1288	29993
07-Jul-17 09:00:00	18	3	1289	30006
07-Jul-17 09:30:00	19	3	1292	30019
07-Jul-17 10:00:00	18	3	1289	30032
07-Jul-17 10:30:00	18	3	1288	30045
07-Jul-17 11:00:00	18	3	1291	30058
07-Jul-17 11:30:00	17	3	1291	30070
07-Jul-17 12:00:00	18	3	1291	30083
07-Jul-17 12:30:00	18	3	1289	30096

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
07-Jul-17 13:00:00	17	3	1289	30108
07-Jul-17 13:30:00	17	3	1290	30121
07-Jul-17 14:00:00	18	3	1291	30134
07-Jul-17 14:30:00	18	3	1291	30147
07-Jul-17 15:00:00	18	3	1292	30159
07-Jul-17 15:30:00	17	3	1291	30172
07-Jul-17 16:00:00	18	3	1291	30185
07-Jul-17 16:30:00	17	3	1290	30197
07-Jul-17 17:00:00	18	3	1291	30210
07-Jul-17 17:30:00	17	3	1291	30222
07-Jul-17 18:00:00	18	3	1291	30235
07-Jul-17 18:30:00	17	3	1291	30248
07-Jul-17 19:00:00	18	3	1290	30260
07-Jul-17 19:30:00	18	3	1291	30273
07-Jul-17 20:00:00	17	3	1291	30285
07-Jul-17 20:30:00	18	3	1291	30298
07-Jul-17 21:00:00	18	3	1291	30310
07-Jul-17 21:30:00	18	3	1291	30323
07-Jul-17 22:00:00	17	3	1290	30335
07-Jul-17 22:30:00	17	3	1291	30347
07-Jul-17 23:00:00	18	3	1291	30360
07-Jul-17 23:30:00	18	3	1291	30372
08-Jul-17 00:00:00	18	3	1291	30385
08-Jul-17 00:30:00	17	3	1292	30397
08-Jul-17 01:00:00	18	3	1290	30410
08-Jul-17 01:30:00	17	3	1291	30422
08-Jul-17 02:00:00	17	3	1291	30434
08-Jul-17 02:30:00	17	3	1291	30447
08-Jul-17 03:00:00	17	3	1290	30459
08-Jul-17 03:30:00	17	3	1291	30472
08-Jul-17 04:00:00	17	3	1291	30484
08-Jul-17 04:30:00	18	3	1291	30496
08-Jul-17 05:00:00	17	3	1290	30509
08-Jul-17 05:30:00	17	3	1290	30521
08-Jul-17 06:00:00	18	3	1290	30534
08-Jul-17 06:30:00	17	3	1291	30546
08-Jul-17 07:00:00	17	3	1291	30558
08-Jul-17 07:30:00	18	3	1290	30571
08-Jul-17 08:00:00	17	3	1291	30583
08-Jul-17 08:30:00	17	3	1291	30595
08-Jul-17 09:00:00	17	3	1290	30608
08-Jul-17 09:30:00	17	3	1290	30620
08-Jul-17 10:00:00	17	3	1291	30632
08-Jul-17 10:30:00	17	3	1290	30645
08-Jul-17 11:00:00	17	3	1290	30657

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
08-Jul-17 11:30:00	17	3	1291	30669
08-Jul-17 12:00:00	17	3	1289	30682
08-Jul-17 12:30:00	18	3	1290	30694
08-Jul-17 13:00:00	17	3	1290	30706
08-Jul-17 13:30:00	17	3	1290	30718
08-Jul-17 14:00:00	18	3	1295	30732
08-Jul-17 14:30:00	18	3	1296	30745
08-Jul-17 15:00:00	18	3	1296	30758
08-Jul-17 15:30:00	19	3	1293	30771
08-Jul-17 16:00:00	18	3	1294	30784
08-Jul-17 16:30:00	22	3	1306	30797
08-Jul-17 17:00:00	21	3	1305	30813
08-Jul-17 17:30:00	20	3	1304	30827
08-Jul-17 18:00:00	20	3	1304	30842
08-Jul-17 18:30:00	19	3	1304	30856
08-Jul-17 19:00:00	20	3	1304	30870
08-Jul-17 19:30:00	20	3	1304	30884
08-Jul-17 20:00:00	19	3	1305	30898
08-Jul-17 20:30:00	20	3	1303	30911
08-Jul-17 21:00:00	19	3	1305	30925
08-Jul-17 21:30:00	19	3	1305	30938
08-Jul-17 22:00:00	19	3	1307	30952
08-Jul-17 22:30:00	19	3	1306	30966
08-Jul-17 23:00:00	19	3	1304	30979
08-Jul-17 23:30:00	19	3	1307	30993
09-Jul-17 00:00:00	19	3	1307	31006
09-Jul-17 00:30:00	19	3	1305	31020
09-Jul-17 01:00:00	18	3	1305	31033
09-Jul-17 01:30:00	19	3	1305	31046
09-Jul-17 02:00:00	19	3	1305	31060
09-Jul-17 02:30:00	18	3	1303	31073
09-Jul-17 03:00:00	18	3	1304	31086
09-Jul-17 03:30:00	19	3	1305	31100
09-Jul-17 04:00:00	18	3	1304	31113
09-Jul-17 04:30:00	18	3	1305	31126
09-Jul-17 05:00:00	19	3	1304	31140
09-Jul-17 05:30:00	18	3	1307	31153
09-Jul-17 06:00:00	18	2	1304	31166
09-Jul-17 06:30:00	19	2	1306	31179
09-Jul-17 07:00:00	18	2	1307	31192
09-Jul-17 07:30:00	18	2	1307	31205
09-Jul-17 08:00:00	18	2	1304	31218
09-Jul-17 08:30:00	18	2	1306	31232
09-Jul-17 09:00:00	18	2	1303	31245
09-Jul-17 09:30:00	18	2	1307	31258

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
09-Jul-17 10:00:00	18	2	1307	31271
09-Jul-17 10:30:00	18	2	1306	31284
09-Jul-17 11:00:00	18	3	1304	31297
09-Jul-17 11:30:00	18	3	1304	31310
09-Jul-17 12:00:00	18	3	1305	31323
09-Jul-17 12:30:00	18	3	1306	31336
09-Jul-17 13:00:00	18	3	1304	31349
09-Jul-17 13:30:00	19	3	1306	31362
09-Jul-17 14:00:00	18	3	1305	31375
09-Jul-17 14:30:00	18	3	1306	31388
09-Jul-17 15:00:00	18	3	1303	31401
09-Jul-17 15:30:00	18	3	1306	31414
09-Jul-17 16:00:00	18	3	1305	31427
09-Jul-17 16:30:00	18	3	1305	31440
09-Jul-17 17:00:00	15	3	1293	31451
09-Jul-17 17:30:00	15	3	1291	31462
09-Jul-17 18:00:00	15	4	1290	31473
09-Jul-17 18:30:00	15	4	1289	31484
09-Jul-17 19:00:00	20	4	1303	31495
09-Jul-17 19:30:00	19	3	1305	31510
09-Jul-17 20:00:00	19	3	1304	31523
09-Jul-17 20:30:00	19	3	1306	31537
09-Jul-17 21:00:00	19	3	1308	31550
09-Jul-17 21:30:00	19	3	1307	31563
09-Jul-17 22:00:00	18	3	1305	31576
09-Jul-17 22:30:00	18	3	1305	31589
09-Jul-17 23:00:00	18	3	1305	31602
09-Jul-17 23:30:00	17	3	1304	31615
10-Jul-17 00:00:00	18	3	1306	31628
10-Jul-17 00:30:00	18	3	1305	31641
10-Jul-17 01:00:00	17	3	1306	31654
10-Jul-17 01:30:00	18	3	1305	31667
10-Jul-17 02:00:00	18	3	1304	31680
10-Jul-17 02:30:00	18	3	1306	31693
10-Jul-17 03:00:00	18	3	1305	31706
10-Jul-17 03:30:00	18	3	1306	31718
10-Jul-17 04:00:00	17	3	1307	31731
10-Jul-17 04:30:00	18	3	1306	31744
10-Jul-17 05:00:00	18	3	1307	31757
10-Jul-17 05:30:00	18	3	1304	31769
10-Jul-17 06:00:00	18	3	1306	31782
10-Jul-17 06:30:00	18	3	1307	31795
10-Jul-17 07:00:00	18	3	1307	31808
10-Jul-17 07:30:00	18	3	1307	31820
10-Jul-17 08:00:00	18	3	1305	31833

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
10-Jul-17 08:30:00	18	3	1306	31846
10-Jul-17 09:00:00	18	3	1306	31858
10-Jul-17 09:30:00	18	3	1306	31871
10-Jul-17 10:00:00	18	3	1305	31884
10-Jul-17 10:30:00	18	3	1304	31896
10-Jul-17 11:00:00	17	3	1305	31909
10-Jul-17 11:30:00	19	3	1305	31922
10-Jul-17 12:00:00	18	3	1306	31935
10-Jul-17 12:30:00	18	3	1306	31947
10-Jul-17 13:00:00	18	3	1305	31960
10-Jul-17 13:30:00	18	3	1306	31973
10-Jul-17 14:00:00	17	3	1306	31986
10-Jul-17 14:30:00	18	3	1306	31998
10-Jul-17 15:00:00	19	3	1310	32012
10-Jul-17 15:30:00	19	3	1310	32026
10-Jul-17 16:00:00	19	3	1310	32039
10-Jul-17 16:30:00	0	4	1253	32039
10-Jul-17 17:00:00	25	4	1310	32051
10-Jul-17 17:30:00	22	3	1309	32067
10-Jul-17 18:00:00	21	3	1308	32081
10-Jul-17 18:30:00	20	3	1311	32096
10-Jul-17 19:00:00	20	3	1310	32110
10-Jul-17 19:30:00	18	3	1311	32124
10-Jul-17 20:00:00	18	3	1313	32137
10-Jul-17 20:30:00	19	3	1311	32150
10-Jul-17 21:00:00	19	3	1310	32164
10-Jul-17 21:30:00	18	3	1312	32177
10-Jul-17 22:00:00	19	3	1309	32190
10-Jul-17 22:30:00	18	3	1310	32203
10-Jul-17 23:00:00	18	3	1311	32217
10-Jul-17 23:30:00	18	3	1313	32230
11-Jul-17 00:00:00	18	3	1310	32243
11-Jul-17 00:30:00	19	3	1313	32256
11-Jul-17 01:00:00	17	3	1310	32269
11-Jul-17 01:30:00	18	3	1313	32282
11-Jul-17 02:00:00	18	3	1311	32295
11-Jul-17 02:30:00	18	3	1308	32308
11-Jul-17 03:00:00	18	3	1311	32321
11-Jul-17 03:30:00	19	3	1311	32334
11-Jul-17 04:00:00	18	3	1312	32346
11-Jul-17 04:30:00	18	3	1311	32359
11-Jul-17 05:00:00	18	3	1311	32372
11-Jul-17 05:30:00	17	3	1310	32385
11-Jul-17 06:00:00	18	3	1312	32398
11-Jul-17 06:30:00	18	3	1311	32410

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
11-Jul-17 07:00:00	18	3	1309	32423
11-Jul-17 07:30:00	19	3	1310	32435
11-Jul-17 08:00:00	21	3	1315	32449
11-Jul-17 08:30:00	20	3	1318	32463
11-Jul-17 09:00:00	19	3	1314	32477
11-Jul-17 09:30:00	20	3	1316	32491
11-Jul-17 10:00:00	19	3	1316	32505
11-Jul-17 10:30:00	23	3	1318	32518
11-Jul-17 11:00:00	21	3	1325	32534
11-Jul-17 11:30:00	21	2	1327	32549
11-Jul-17 12:00:00	21	2	1324	32563
11-Jul-17 12:30:00	22	2	1329	32579
11-Jul-17 13:00:00	24	2	1330	32593
11-Jul-17 13:30:00	22	2	1330	32609
11-Jul-17 14:00:00	26	2	1340	32625
11-Jul-17 14:30:00	25	2	1340	32642
11-Jul-17 15:00:00	24	2	1342	32659
11-Jul-17 15:30:00	24	2	1340	32676
11-Jul-17 16:00:00	23	2	1340	32692
11-Jul-17 16:30:00	23	2	1341	32708
11-Jul-17 17:00:00	21	2	1339	32725
11-Jul-17 17:30:00	23	2	1338	32740
11-Jul-17 18:00:00	22	2	1341	32756
11-Jul-17 18:30:00	22	2	1341	32772
11-Jul-17 19:00:00	21	2	1338	32787
11-Jul-17 19:30:00	22	2	1342	32802
11-Jul-17 20:00:00	16	2	1321	32816
11-Jul-17 20:30:00	17	3	1323	32828
11-Jul-17 21:00:00	24	3	1340	32841
11-Jul-17 21:30:00	23	3	1341	32858
11-Jul-17 22:00:00	21	2	1340	32873
11-Jul-17 22:30:00	21	2	1340	32889
11-Jul-17 23:00:00	22	2	1341	32904
11-Jul-17 23:30:00	22	2	1340	32919
12-Jul-17 00:00:00	21	2	1341	32934
12-Jul-17 00:30:00	21	2	1343	32949
12-Jul-17 01:00:00	21	2	1342	32963
12-Jul-17 01:30:00	21	2	1338	32978
12-Jul-17 02:00:00	20	2	1340	32993
12-Jul-17 02:30:00	21	2	1341	33007
12-Jul-17 03:00:00	18	2	1331	33020
12-Jul-17 03:30:00	18	2	1333	33033
12-Jul-17 04:00:00	19	2	1329	33046
12-Jul-17 04:30:00	18	2	1333	33059
12-Jul-17 05:00:00	18	2	1333	33072

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
12-Jul-17 05:30:00	18	2	1329	33085
12-Jul-17 06:00:00	18	2	1331	33099
12-Jul-17 06:30:00	18	2	1330	33112
12-Jul-17 07:00:00	19	2	1330	33125
12-Jul-17 07:30:00	19	2	1333	33138
12-Jul-17 08:00:00	18	2	1332	33151
12-Jul-17 08:30:00	17	2	1331	33164
12-Jul-17 09:00:00	19	2	1331	33178
12-Jul-17 09:30:00	19	2	1332	33191
12-Jul-17 10:00:00	18	3	1331	33204
12-Jul-17 10:30:00	18	3	1330	33217
12-Jul-17 11:00:00	18	3	1330	33230
12-Jul-17 11:30:00	18	3	1328	33243
12-Jul-17 12:00:00	18	3	1331	33257
12-Jul-17 12:30:00	19	3	1328	33270
12-Jul-17 13:00:00	19	3	1332	33283
12-Jul-17 13:30:00	19	3	1332	33296
12-Jul-17 14:00:00	18	3	1331	33309
12-Jul-17 14:30:00	18	3	1331	33322
12-Jul-17 15:00:00	17	3	1334	33335
12-Jul-17 15:30:00	18	3	1331	33348
12-Jul-17 16:00:00	18	3	1330	33361
12-Jul-17 16:30:00	18	3	1332	33374
12-Jul-17 17:00:00	19	3	1333	33387
12-Jul-17 17:30:00	17	3	1333	33400
12-Jul-17 18:00:00	19	3	1330	33413
12-Jul-17 18:30:00	17	3	1329	33426
12-Jul-17 19:00:00	18	3	1332	33439
12-Jul-17 19:30:00	18	3	1333	33452
12-Jul-17 20:00:00	18	3	1330	33464
12-Jul-17 20:30:00	18	3	1329	33477
12-Jul-17 21:00:00	19	3	1331	33490
12-Jul-17 21:30:00	18	3	1333	33502
12-Jul-17 22:00:00	18	3	1331	33515
12-Jul-17 22:30:00	17	3	1329	33527
12-Jul-17 23:00:00	18	3	1332	33540
12-Jul-17 23:30:00	18	3	1331	33553
13-Jul-17 00:00:00	15	3	1319	33564
13-Jul-17 00:30:00	15	3	1321	33575
13-Jul-17 01:00:00	16	3	1321	33587
13-Jul-17 01:30:00	16	3	1321	33598
13-Jul-17 02:00:00	15	3	1321	33609
13-Jul-17 02:30:00	16	3	1323	33621
13-Jul-17 03:00:00	16	3	1321	33633
13-Jul-17 03:30:00	16	3	1321	33644

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
13-Jul-17 04:00:00	16	3	1319	33656
13-Jul-17 04:30:00	16	3	1322	33668
13-Jul-17 05:00:00	16	3	1323	33679
13-Jul-17 05:30:00	16	3	1319	33691
13-Jul-17 06:00:00	17	3	1323	33703
13-Jul-17 06:30:00	16	3	1323	33715
13-Jul-17 07:00:00	16	3	1320	33726
13-Jul-17 07:30:00	22	3	1341	33741
13-Jul-17 08:00:00	21	3	1339	33757
13-Jul-17 08:30:00	20	3	1341	33772
13-Jul-17 09:00:00	21	2	1340	33787
13-Jul-17 09:30:00	20	2	1343	33801
13-Jul-17 10:00:00	20	2	1339	33815
13-Jul-17 10:30:00	20	2	1339	33829
13-Jul-17 11:00:00	19	2	1340	33843
13-Jul-17 11:30:00	18	2	1342	33857
13-Jul-17 12:00:00	19	3	1338	33871
13-Jul-17 12:30:00	18	3	1340	33884
13-Jul-17 13:00:00	20	3	1341	33898
13-Jul-17 13:30:00	20	3	1340	33912
13-Jul-17 14:00:00	19	3	1341	33925
13-Jul-17 14:30:00	19	3	1342	33939
13-Jul-17 15:00:00	21	3	1350	33954
13-Jul-17 15:30:00	21	3	1349	33970
13-Jul-17 16:00:00	21	3	1348	33985
13-Jul-17 16:30:00	21	3	1349	34000
13-Jul-17 17:00:00	20	3	1348	34014
13-Jul-17 17:30:00	20	3	1351	34029
13-Jul-17 18:00:00	19	3	1349	34043
13-Jul-17 18:30:00	20	3	1350	34058
13-Jul-17 19:00:00	19	3	1351	34072
13-Jul-17 19:30:00	19	3	1353	34086
13-Jul-17 20:00:00	20	3	1353	34100
13-Jul-17 20:30:00	19	3	1347	34114
13-Jul-17 21:00:00	19	3	1351	34128
13-Jul-17 21:30:00	20	3	1351	34142
13-Jul-17 22:00:00	20	3	1352	34156
13-Jul-17 22:30:00	19	3	1350	34170
13-Jul-17 23:00:00	19	3	1349	34184
13-Jul-17 23:30:00	20	3	1351	34198
14-Jul-17 00:00:00	19	3	1352	34212
14-Jul-17 00:30:00	19	3	1350	34225
14-Jul-17 01:00:00	19	3	1351	34239
14-Jul-17 01:30:00	19	3	1350	34253
14-Jul-17 02:00:00	19	3	1350	34266

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
14-Jul-17 02:30:00	19	3	1350	34280
14-Jul-17 03:00:00	19	3	1351	34294
14-Jul-17 03:30:00	19	3	1350	34307
14-Jul-17 04:00:00	19	3	1350	34321
14-Jul-17 04:30:00	19	3	1351	34334
14-Jul-17 05:00:00	19	3	1350	34348
14-Jul-17 05:30:00	19	3	1349	34361
14-Jul-17 06:00:00	19	3	1352	34375
14-Jul-17 06:30:00	19	3	1351	34388
14-Jul-17 07:00:00	19	3	1352	34402
14-Jul-17 07:30:00	19	3	1353	34415
14-Jul-17 08:00:00	19	3	1351	34428
14-Jul-17 08:30:00	19	3	1353	34442
14-Jul-17 09:00:00	19	3	1352	34455
14-Jul-17 09:30:00	18	3	1350	34469
14-Jul-17 10:00:00	19	3	1349	34482
14-Jul-17 10:30:00	18	3	1349	34495
14-Jul-17 11:00:00	19	3	1350	34509
14-Jul-17 11:30:00	19	3	1349	34522
14-Jul-17 12:00:00	19	3	1350	34535
14-Jul-17 12:30:00	19	3	1349	34549
14-Jul-17 13:00:00	18	3	1350	34562
14-Jul-17 13:30:00	19	3	1351	34575
14-Jul-17 14:00:00	20	3	1351	34589
14-Jul-17 14:30:00	19	3	1351	34602
14-Jul-17 15:00:00	18	3	1351	34615
14-Jul-17 15:30:00	18	3	1353	34628
14-Jul-17 16:00:00	18	3	1352	34641
14-Jul-17 16:30:00	18	3	1350	34654
14-Jul-17 17:00:00	18	3	1350	34668
14-Jul-17 17:30:00	18	3	1351	34681
14-Jul-17 18:00:00	19	3	1350	34694
14-Jul-17 18:30:00	19	3	1355	34707
14-Jul-17 19:00:00	18	3	1350	34720
14-Jul-17 19:30:00	19	3	1351	34733
14-Jul-17 20:00:00	19	3	1349	34747
14-Jul-17 20:30:00	19	3	1351	34760
14-Jul-17 21:00:00	18	3	1351	34773
14-Jul-17 21:30:00	19	3	1352	34786
14-Jul-17 22:00:00	18	3	1349	34799
14-Jul-17 22:30:00	18	3	1351	34812
14-Jul-17 23:00:00	18	3	1350	34825
14-Jul-17 23:30:00	18	3	1352	34838
15-Jul-17 00:00:00	18	3	1352	34851
15-Jul-17 00:30:00	19	3	1349	34864

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
15-Jul-17 01:00:00	18	3	1352	34877
15-Jul-17 01:30:00	18	3	1349	34890
15-Jul-17 02:00:00	18	3	1350	34903
15-Jul-17 02:30:00	18	3	1352	34916
15-Jul-17 03:00:00	18	3	1351	34929
15-Jul-17 03:30:00	19	3	1352	34942
15-Jul-17 04:00:00	19	3	1350	34955
15-Jul-17 04:30:00	17	3	1349	34968
15-Jul-17 05:00:00	17	3	1351	34980
15-Jul-17 05:30:00	18	3	1350	34993
15-Jul-17 06:00:00	17	3	1350	35006
15-Jul-17 06:30:00	19	3	1351	35018
15-Jul-17 07:00:00	19	3	1352	35031
15-Jul-17 07:30:00	18	3	1353	35044
15-Jul-17 08:00:00	18	3	1352	35056
15-Jul-17 08:30:00	18	3	1351	35069
15-Jul-17 09:00:00	18	3	1351	35082
15-Jul-17 09:30:00	18	3	1348	35094
15-Jul-17 10:00:00	17	3	1351	35107
15-Jul-17 10:30:00	17	3	1350	35119
15-Jul-17 11:00:00	17	3	1351	35132
15-Jul-17 11:30:00	17	3	1350	35144
15-Jul-17 12:00:00	17	3	1350	35157
15-Jul-17 12:30:00	18	3	1350	35169
15-Jul-17 13:00:00	18	3	1351	35182
15-Jul-17 13:30:00	18	3	1350	35194
15-Jul-17 14:00:00	17	3	1351	35207
15-Jul-17 14:30:00	17	3	1350	35219
15-Jul-17 15:00:00	17	3	1351	35231
15-Jul-17 15:30:00	18	3	1350	35244
15-Jul-17 16:00:00	17	3	1351	35256
15-Jul-17 16:30:00	19	3	1350	35268
15-Jul-17 17:00:00	17	3	1351	35281
15-Jul-17 17:30:00	17	3	1350	35293
15-Jul-17 18:00:00	17	3	1352	35305
15-Jul-17 18:30:00	17	3	1350	35318
15-Jul-17 19:00:00	18	3	1353	35330
15-Jul-17 19:30:00	18	3	1351	35342
15-Jul-17 20:00:00	17	3	1352	35355
15-Jul-17 20:30:00	17	3	1352	35367
15-Jul-17 21:00:00	18	3	1350	35379
15-Jul-17 21:30:00	17	3	1351	35392
15-Jul-17 22:00:00	17	3	1353	35404
15-Jul-17 22:30:00	18	3	1351	35417
15-Jul-17 23:00:00	18	3	1351	35429

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
15-Jul-17 23:30:00	17	3	1351	35441
16-Jul-17 00:00:00	17	3	1350	35453
16-Jul-17 00:30:00	18	3	1351	35466
16-Jul-17 01:00:00	17	3	1351	35478
16-Jul-17 01:30:00	18	3	1350	35491
16-Jul-17 02:00:00	17	3	1351	35503
16-Jul-17 02:30:00	17	3	1351	35515
16-Jul-17 03:00:00	17	3	1351	35528
16-Jul-17 03:30:00	0	4	1288	35530
16-Jul-17 04:00:00	0	4	1277	35530
16-Jul-17 04:30:00	23	4	1349	35544
16-Jul-17 05:00:00	20	3	1351	35560
16-Jul-17 05:30:00	19	3	1349	35574
16-Jul-17 06:00:00	19	3	1350	35588
16-Jul-17 06:30:00	19	3	1349	35602
16-Jul-17 07:00:00	18	3	1349	35614
16-Jul-17 07:30:00	18	3	1350	35627
16-Jul-17 08:00:00	18	3	1347	35639
16-Jul-17 08:30:00	18	3	1353	35652
16-Jul-17 09:00:00	18	3	1348	35664
16-Jul-17 09:30:00	17	3	1350	35677
16-Jul-17 10:00:00	18	3	1352	35689
16-Jul-17 10:30:00	18	3	1350	35702
16-Jul-17 11:00:00	17	3	1353	35714
16-Jul-17 11:30:00	17	3	1349	35727
16-Jul-17 12:00:00	18	3	1352	35739
16-Jul-17 12:30:00	17	3	1352	35752
16-Jul-17 13:00:00	18	3	1351	35764
16-Jul-17 13:30:00	17	3	1349	35777
16-Jul-17 14:00:00	17	3	1350	35789
16-Jul-17 14:30:00	18	3	1350	35802
16-Jul-17 15:00:00	18	3	1351	35814
16-Jul-17 15:30:00	17	3	1350	35827
16-Jul-17 16:00:00	18	3	1351	35839
16-Jul-17 16:30:00	17	3	1349	35852
16-Jul-17 17:00:00	17	3	1352	35864
16-Jul-17 17:30:00	18	3	1347	35877
16-Jul-17 18:00:00	18	3	1348	35889
16-Jul-17 18:30:00	17	3	1351	35901
16-Jul-17 19:00:00	18	3	1350	35914
16-Jul-17 19:30:00	18	3	1350	35926
16-Jul-17 20:00:00	18	3	1351	35939
16-Jul-17 20:30:00	18	3	1350	35951
16-Jul-17 21:00:00	18	3	1350	35963
16-Jul-17 21:30:00	17	3	1351	35976

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
16-Jul-17 22:00:00	18	3	1348	35988
16-Jul-17 22:30:00	18	3	1350	36001
16-Jul-17 23:00:00	16	3	1352	36013
16-Jul-17 23:30:00	17	3	1352	36025
17-Jul-17 00:00:00	18	3	1351	36038
17-Jul-17 00:30:00	18	3	1352	36050
17-Jul-17 01:00:00	17	3	1352	36062
17-Jul-17 01:30:00	18	3	1350	36075
17-Jul-17 02:00:00	17	3	1352	36087
17-Jul-17 02:30:00	17	3	1351	36099
17-Jul-17 03:00:00	17	3	1350	36112
17-Jul-17 03:30:00	17	3	1348	36124
17-Jul-17 04:00:00	17	3	1348	36136
17-Jul-17 04:30:00	17	3	1349	36149
17-Jul-17 05:00:00	17	3	1348	36161
17-Jul-17 05:30:00	17	3	1351	36173
17-Jul-17 06:00:00	17	3	1349	36185
17-Jul-17 06:30:00	18	3	1352	36198
17-Jul-17 07:00:00	18	3	1354	36210
17-Jul-17 07:30:00	17	3	1349	36222
17-Jul-17 08:00:00	17	3	1350	36235
17-Jul-17 08:30:00	0	3	1299	36245
17-Jul-17 09:00:00	0	4	1264	36245
17-Jul-17 09:30:00	17	4	1333	36255
17-Jul-17 10:00:00	16	4	1330	36267
17-Jul-17 10:30:00	16	4	1332	36279
17-Jul-17 11:00:00	22	3	1338	36290
17-Jul-17 11:30:00	18	3	1340	36303
17-Jul-17 12:00:00	18	3	1340	36316
17-Jul-17 12:30:00	17	3	1338	36328
17-Jul-17 13:00:00	17	3	1341	36340
17-Jul-17 13:30:00	17	3	1341	36351
17-Jul-17 14:00:00	16	3	1341	36363
17-Jul-17 14:30:00	17	3	1339	36375
17-Jul-17 15:00:00	17	3	1341	36387
17-Jul-17 15:30:00	17	3	1341	36399
17-Jul-17 16:00:00	15	3	1341	36411
17-Jul-17 16:30:00	16	3	1340	36422
17-Jul-17 17:00:00	17	4	1341	36434
17-Jul-17 17:30:00	17	4	1341	36446
17-Jul-17 18:00:00	17	4	1340	36458
17-Jul-17 18:30:00	17	4	1340	36470
17-Jul-17 19:00:00	17	4	1341	36482
17-Jul-17 19:30:00	17	4	1341	36493
17-Jul-17 20:00:00	16	4	1340	36505

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
17-Jul-17 20:30:00	17	4	1343	36517
17-Jul-17 21:00:00	17	4	1343	36529
17-Jul-17 21:30:00	17	4	1342	36541
17-Jul-17 22:00:00	17	4	1341	36553
17-Jul-17 22:30:00	17	4	1341	36565
17-Jul-17 23:00:00	17	4	1341	36577
17-Jul-17 23:30:00	17	4	1341	36589
18-Jul-17 00:00:00	17	4	1341	36600
18-Jul-17 00:30:00	16	4	1339	36612
18-Jul-17 01:00:00	17	4	1340	36624
18-Jul-17 01:30:00	15	4	1341	36636
18-Jul-17 02:00:00	16	4	1339	36648
18-Jul-17 02:30:00	16	4	1342	36660
18-Jul-17 03:00:00	17	4	1340	36672
18-Jul-17 03:30:00	16	4	1342	36684
18-Jul-17 04:00:00	17	4	1341	36695
18-Jul-17 04:30:00	17	4	1344	36707
18-Jul-17 05:00:00	17	4	1341	36719
18-Jul-17 05:30:00	17	3	1342	36731
18-Jul-17 06:00:00	17	3	1340	36743
18-Jul-17 06:30:00	17	3	1343	36754
18-Jul-17 07:00:00	16	3	1340	36766
18-Jul-17 07:30:00	16	3	1341	36777
18-Jul-17 08:00:00	16	3	1341	36789
18-Jul-17 08:30:00	16	3	1340	36801
18-Jul-17 09:00:00	19	3	1351	36814
18-Jul-17 09:30:00	18	3	1349	36827
18-Jul-17 10:00:00	18	3	1350	36840
18-Jul-17 10:30:00	18	3	1350	36853
18-Jul-17 11:00:00	18	3	1350	36866
18-Jul-17 11:30:00	18	3	1349	36879
18-Jul-17 12:00:00	18	3	1350	36892
18-Jul-17 12:30:00	17	3	1350	36904
18-Jul-17 13:00:00	18	3	1350	36917
18-Jul-17 13:30:00	17	3	1353	36929
18-Jul-17 14:00:00	18	3	1351	36942
18-Jul-17 14:30:00	17	3	1349	36954
18-Jul-17 15:00:00	18	3	1349	36967
18-Jul-17 15:30:00	17	4	1350	36979
18-Jul-17 16:00:00	18	4	1352	36992
18-Jul-17 16:30:00	18	4	1350	37004
18-Jul-17 17:00:00	17	4	1352	37016
18-Jul-17 17:30:00	18	4	1351	37029
18-Jul-17 18:00:00	18	4	1352	37041
18-Jul-17 18:30:00	17	4	1352	37053

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
18-Jul-17 19:00:00	17	4	1352	37066
18-Jul-17 19:30:00	16	4	1349	37078
18-Jul-17 20:00:00	17	4	1352	37090
18-Jul-17 20:30:00	17	4	1351	37102
18-Jul-17 21:00:00	17	4	1350	37114
18-Jul-17 21:30:00	17	4	1351	37127
18-Jul-17 22:00:00	17	4	1351	37139
18-Jul-17 22:30:00	16	4	1348	37151
18-Jul-17 23:00:00	0	4	1309	37161
18-Jul-17 23:30:00	0	5	1279	37161
19-Jul-17 00:00:00	0	6	1270	37161
19-Jul-17 00:30:00	0	6	1266	37161
19-Jul-17 01:00:00	0	7	1260	37161
19-Jul-17 01:30:00	25	6	1347	37175
19-Jul-17 02:00:00	23	5	1350	37193
19-Jul-17 02:30:00	20	4	1350	37208
19-Jul-17 03:00:00	20	4	1348	37223
19-Jul-17 03:30:00	19	4	1352	37237
19-Jul-17 04:00:00	17	4	1349	37250
19-Jul-17 04:30:00	18	4	1351	37263
19-Jul-17 05:00:00	17	3	1351	37276
19-Jul-17 05:30:00	17	3	1353	37289
19-Jul-17 06:00:00	18	3	1352	37301
19-Jul-17 06:30:00	17	3	1350	37314
19-Jul-17 07:00:00	17	3	1352	37326
19-Jul-17 07:30:00	17	3	1351	37339
19-Jul-17 08:00:00	16	3	1348	37351
19-Jul-17 08:30:00	18	3	1351	37364
19-Jul-17 09:00:00	17	3	1351	37376
19-Jul-17 09:30:00	16	3	1351	37388
19-Jul-17 10:00:00	16	3	1350	37401
19-Jul-17 10:30:00	17	3	1351	37413
19-Jul-17 11:00:00	17	3	1350	37425
19-Jul-17 11:30:00	17	3	1351	37437
19-Jul-17 12:00:00	17	3	1350	37449
19-Jul-17 12:30:00	18	3	1352	37461
19-Jul-17 13:00:00	17	3	1350	37473
19-Jul-17 13:30:00	17	3	1350	37485
19-Jul-17 14:00:00	16	3	1351	37497
19-Jul-17 14:30:00	16	3	1351	37508
19-Jul-17 15:00:00	16	3	1350	37520
19-Jul-17 15:30:00	16	4	1353	37532
19-Jul-17 16:00:00	16	4	1351	37544
19-Jul-17 16:30:00	16	4	1350	37555
19-Jul-17 17:00:00	17	4	1351	37567

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
19-Jul-17 17:30:00	17	4	1352	37579
19-Jul-17 18:00:00	17	4	1353	37590
19-Jul-17 18:30:00	17	4	1352	37602
19-Jul-17 19:00:00	16	4	1353	37614
19-Jul-17 19:30:00	17	4	1353	37626
19-Jul-17 20:00:00	17	4	1352	37638
19-Jul-17 20:30:00	17	4	1350	37649
19-Jul-17 21:00:00	16	4	1353	37661
19-Jul-17 21:30:00	16	4	1352	37673
19-Jul-17 22:00:00	17	4	1350	37684
19-Jul-17 22:30:00	16	4	1350	37696
19-Jul-17 23:00:00	17	4	1352	37708
19-Jul-17 23:30:00	16	4	1348	37719
20-Jul-17 00:00:00	16	4	1350	37731
20-Jul-17 00:30:00	16	4	1351	37742
20-Jul-17 01:00:00	16	4	1351	37754
20-Jul-17 01:30:00	16	4	1353	37765
20-Jul-17 02:00:00	15	4	1348	37776
20-Jul-17 02:30:00	16	4	1349	37788
20-Jul-17 03:00:00	16	4	1352	37799
20-Jul-17 03:30:00	16	4	1350	37810
20-Jul-17 04:00:00	16	4	1352	37822
20-Jul-17 04:30:00	15	4	1351	37833
20-Jul-17 05:00:00	17	4	1351	37844
20-Jul-17 05:30:00	16	4	1350	37856
20-Jul-17 06:00:00	16	4	1352	37867
20-Jul-17 06:30:00	16	4	1350	37879
20-Jul-17 07:00:00	16	4	1351	37890
20-Jul-17 07:30:00	16	4	1353	37901
20-Jul-17 08:00:00	16	4	1350	37913
20-Jul-17 08:30:00	16	4	1349	37924
20-Jul-17 09:00:00	16	4	1348	37936
20-Jul-17 09:30:00	16	4	1351	37947
20-Jul-17 10:00:00	17	4	1348	37959
20-Jul-17 10:30:00	16	4	1354	37970
20-Jul-17 11:00:00	16	4	1353	37982
20-Jul-17 11:30:00	16	4	1353	37993
20-Jul-17 12:00:00	15	4	1352	38005
20-Jul-17 12:30:00	17	4	1349	38016
20-Jul-17 13:00:00	16	4	1352	38028
20-Jul-17 13:30:00	16	4	1351	38039
20-Jul-17 14:00:00	16	4	1348	38051
20-Jul-17 14:30:00	16	4	1351	38062
20-Jul-17 15:00:00	17	4	1349	38074
20-Jul-17 15:30:00	17	4	1348	38085

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
20-Jul-17 16:00:00	16	4	1351	38097
20-Jul-17 16:30:00	16	4	1352	38108
20-Jul-17 17:00:00	16	4	1351	38120
20-Jul-17 17:30:00	16	4	1351	38131
20-Jul-17 18:00:00	16	4	1352	38143
20-Jul-17 18:30:00	15	4	1351	38154
20-Jul-17 19:00:00	16	4	1352	38166
20-Jul-17 19:30:00	16	4	1352	38177
20-Jul-17 20:00:00	16	4	1350	38188
20-Jul-17 20:30:00	16	4	1351	38200
20-Jul-17 21:00:00	16	4	1351	38211
20-Jul-17 21:30:00	16	4	1350	38223
20-Jul-17 22:00:00	16	4	1350	38234
20-Jul-17 22:30:00	16	4	1350	38245
20-Jul-17 23:00:00	16	4	1354	38257
20-Jul-17 23:30:00	16	4	1353	38268
21-Jul-17 00:00:00	15	4	1349	38279
21-Jul-17 00:30:00	16	4	1351	38291
21-Jul-17 01:00:00	16	4	1351	38302
21-Jul-17 01:30:00	16	4	1351	38313
21-Jul-17 02:00:00	16	4	1351	38325
21-Jul-17 02:30:00	16	4	1350	38336
21-Jul-17 03:00:00	16	4	1352	38347
21-Jul-17 03:30:00	16	4	1352	38359
21-Jul-17 04:00:00	16	4	1353	38370
21-Jul-17 04:30:00	16	4	1350	38381
21-Jul-17 05:00:00	16	4	1352	38392
21-Jul-17 05:30:00	15	4	1350	38404
21-Jul-17 06:00:00	15	4	1349	38415
21-Jul-17 06:30:00	16	4	1352	38426
21-Jul-17 07:00:00	15	4	1349	38437
21-Jul-17 07:30:00	16	4	1352	38449
21-Jul-17 08:00:00	15	4	1353	38460
21-Jul-17 08:30:00	16	4	1351	38471
21-Jul-17 09:00:00	16	4	1352	38483
21-Jul-17 09:30:00	16	4	1350	38494
21-Jul-17 10:00:00	15	4	1348	38505
21-Jul-17 10:30:00	16	4	1352	38516
21-Jul-17 11:00:00	16	4	1352	38528
21-Jul-17 11:30:00	18	4	1356	38539
21-Jul-17 12:00:00	17	4	1356	38552
21-Jul-17 12:30:00	16	4	1356	38564
21-Jul-17 13:00:00	16	4	1354	38576
21-Jul-17 13:30:00	17	4	1354	38587
21-Jul-17 14:00:00	17	4	1359	38599

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
21-Jul-17 14:30:00	17	4	1357	38611
21-Jul-17 15:00:00	16	4	1357	38623
21-Jul-17 15:30:00	17	4	1358	38635
21-Jul-17 16:00:00	17	4	1355	38646
21-Jul-17 16:30:00	17	4	1358	38658
21-Jul-17 17:00:00	16	4	1358	38670
21-Jul-17 17:30:00	17	4	1356	38681
21-Jul-17 18:00:00	16	4	1356	38693
21-Jul-17 18:30:00	16	4	1355	38705
21-Jul-17 19:00:00	16	4	1357	38716
21-Jul-17 19:30:00	17	4	1354	38728
21-Jul-17 20:00:00	17	4	1356	38739
21-Jul-17 20:30:00	16	4	1356	38751
21-Jul-17 21:00:00	16	4	1356	38763
21-Jul-17 21:30:00	16	4	1357	38774
21-Jul-17 22:00:00	16	4	1355	38785
21-Jul-17 22:30:00	15	4	1358	38797
21-Jul-17 23:00:00	16	4	1358	38808
21-Jul-17 23:30:00	16	4	1356	38820
22-Jul-17 00:00:00	16	4	1356	38831
22-Jul-17 00:30:00	16	4	1356	38843
22-Jul-17 01:00:00	17	4	1356	38854
22-Jul-17 01:30:00	16	4	1356	38865
22-Jul-17 02:00:00	16	4	1355	38877
22-Jul-17 02:30:00	16	4	1357	38888
22-Jul-17 03:00:00	16	4	1355	38900
22-Jul-17 03:30:00	15	4	1356	38911
22-Jul-17 04:00:00	16	4	1356	38923
22-Jul-17 04:30:00	16	4	1356	38934
22-Jul-17 05:00:00	16	4	1356	38945
22-Jul-17 05:30:00	16	4	1356	38956
22-Jul-17 06:00:00	16	4	1356	38968
22-Jul-17 06:30:00	16	4	1356	38979
22-Jul-17 07:00:00	16	4	1356	38990
22-Jul-17 07:30:00	16	4	1356	39002
22-Jul-17 08:00:00	16	4	1355	39013
22-Jul-17 08:30:00	16	4	1354	39024
22-Jul-17 09:00:00	16	4	1356	39036
22-Jul-17 09:30:00	16	4	1358	39047
22-Jul-17 10:00:00	15	4	1355	39058
22-Jul-17 10:30:00	15	4	1355	39070
22-Jul-17 11:00:00	15	4	1355	39081
22-Jul-17 11:30:00	16	4	1356	39092
22-Jul-17 12:00:00	16	4	1354	39104
22-Jul-17 12:30:00	16	4	1356	39115

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
22-Jul-17 13:00:00	17	4	1353	39127
22-Jul-17 13:30:00	15	4	1355	39138
22-Jul-17 14:00:00	15	4	1356	39149
22-Jul-17 14:30:00	15	4	1355	39161
22-Jul-17 15:00:00	15	4	1355	39172
22-Jul-17 15:30:00	16	4	1357	39183
22-Jul-17 16:00:00	16	4	1356	39194
22-Jul-17 16:30:00	16	4	1358	39206
22-Jul-17 17:00:00	16	4	1356	39217
22-Jul-17 17:30:00	17	4	1356	39228
22-Jul-17 18:00:00	16	4	1356	39240
22-Jul-17 18:30:00	15	4	1356	39251
22-Jul-17 19:00:00	15	4	1353	39262
22-Jul-17 19:30:00	16	4	1357	39273
22-Jul-17 20:00:00	15	4	1355	39284
22-Jul-17 20:30:00	15	4	1356	39295
22-Jul-17 21:00:00	15	4	1357	39306
22-Jul-17 21:30:00	15	4	1356	39317
22-Jul-17 22:00:00	15	4	1355	39328
22-Jul-17 22:30:00	16	4	1357	39339
22-Jul-17 23:00:00	17	4	1354	39351
22-Jul-17 23:30:00	16	4	1356	39362
23-Jul-17 00:00:00	16	4	1356	39374
23-Jul-17 00:30:00	16	4	1355	39385
23-Jul-17 01:00:00	16	4	1355	39397
23-Jul-17 01:30:00	16	4	1356	39409
23-Jul-17 02:00:00	16	4	1356	39420
23-Jul-17 02:30:00	16	4	1355	39432
23-Jul-17 03:00:00	16	4	1356	39444
23-Jul-17 03:30:00	16	4	1356	39455
23-Jul-17 04:00:00	16	4	1356	39467
23-Jul-17 04:30:00	16	4	1354	39478
23-Jul-17 05:00:00	16	4	1355	39490
23-Jul-17 05:30:00	16	4	1356	39501
23-Jul-17 06:00:00	16	3	1356	39512
23-Jul-17 06:30:00	16	3	1356	39524
23-Jul-17 07:00:00	16	3	1357	39535
23-Jul-17 07:30:00	15	3	1354	39547
23-Jul-17 08:00:00	16	4	1356	39558
23-Jul-17 08:30:00	16	3	1356	39569
23-Jul-17 09:00:00	16	3	1356	39581
23-Jul-17 09:30:00	16	4	1356	39592
23-Jul-17 10:00:00	16	4	1356	39604
23-Jul-17 10:30:00	16	4	1356	39615
23-Jul-17 11:00:00	16	4	1355	39626

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
23-Jul-17 11:30:00	16	4	1356	39638
23-Jul-17 12:00:00	16	4	1356	39649
23-Jul-17 12:30:00	16	4	1354	39661
23-Jul-17 13:00:00	16	4	1358	39672
23-Jul-17 13:30:00	16	4	1356	39683
23-Jul-17 14:00:00	16	4	1356	39694
23-Jul-17 14:30:00	16	4	1356	39706
23-Jul-17 15:00:00	16	4	1354	39717
23-Jul-17 15:30:00	15	4	1358	39728
23-Jul-17 16:00:00	15	4	1356	39739
23-Jul-17 16:30:00	16	4	1357	39750
23-Jul-17 17:00:00	15	4	1355	39761
23-Jul-17 17:30:00	16	4	1355	39772
23-Jul-17 18:00:00	15	4	1356	39782
23-Jul-17 18:30:00	15	4	1356	39793
23-Jul-17 19:00:00	15	4	1356	39804
23-Jul-17 19:30:00	15	4	1356	39815
23-Jul-17 20:00:00	15	4	1356	39826
23-Jul-17 20:30:00	16	4	1356	39837
23-Jul-17 21:00:00	16	4	1358	39847
23-Jul-17 21:30:00	15	4	1356	39858
23-Jul-17 22:00:00	15	4	1355	39869
23-Jul-17 22:30:00	15	4	1356	39880
23-Jul-17 23:00:00	15	4	1356	39891
23-Jul-17 23:30:00	15	4	1356	39902
24-Jul-17 00:00:00	16	4	1356	39913
24-Jul-17 00:30:00	16	4	1356	39924
24-Jul-17 01:00:00	16	4	1356	39935
24-Jul-17 01:30:00	16	4	1356	39946
24-Jul-17 02:00:00	15	4	1356	39957
24-Jul-17 02:30:00	16	4	1356	39968
24-Jul-17 03:00:00	15	4	1356	39979
24-Jul-17 03:30:00	16	4	1356	39989
24-Jul-17 04:00:00	15	4	1356	40000
24-Jul-17 04:30:00	16	4	1356	40011
24-Jul-17 05:00:00	15	4	1354	40022
24-Jul-17 05:30:00	16	4	1356	40033
24-Jul-17 06:00:00	15	4	1356	40044
24-Jul-17 06:30:00	15	4	1356	40055
24-Jul-17 07:00:00	15	4	1356	40066
24-Jul-17 07:30:00	15	4	1356	40077
24-Jul-17 08:00:00	15	4	1356	40088
24-Jul-17 08:30:00	15	4	1356	40099
24-Jul-17 09:00:00	15	4	1356	40110
24-Jul-17 09:30:00	15	4	1354	40121

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
24-Jul-17 10:00:00	15	4	1357	40131
24-Jul-17 10:30:00	15	4	1359	40142
24-Jul-17 11:00:00	15	4	1355	40153
24-Jul-17 11:30:00	15	4	1356	40164
24-Jul-17 12:00:00	15	4	1356	40175
24-Jul-17 12:30:00	16	4	1357	40186
24-Jul-17 13:00:00	15	4	1358	40197
24-Jul-17 13:30:00	15	4	1355	40208
24-Jul-17 14:00:00	15	4	1357	40219
24-Jul-17 14:30:00	16	4	1357	40230
24-Jul-17 15:00:00	19	4	1367	40243
24-Jul-17 15:30:00	17	4	1368	40255
24-Jul-17 16:00:00	16	4	1365	40268
24-Jul-17 16:30:00	17	4	1366	40280
24-Jul-17 17:00:00	18	4	1366	40292
24-Jul-17 17:30:00	18	4	1367	40304
24-Jul-17 18:00:00	17	4	1366	40317
24-Jul-17 18:30:00	16	4	1367	40328
24-Jul-17 19:00:00	17	4	1366	40340
24-Jul-17 19:30:00	16	4	1365	40352
24-Jul-17 20:00:00	17	4	1363	40363
24-Jul-17 20:30:00	17	4	1363	40375
24-Jul-17 21:00:00	17	4	1367	40387
24-Jul-17 21:30:00	15	4	1367	40398
24-Jul-17 22:00:00	15	4	1365	40410
24-Jul-17 22:30:00	16	4	1368	40421
24-Jul-17 23:00:00	16	4	1364	40432
24-Jul-17 23:30:00	15	4	1367	40444
25-Jul-17 00:00:00	16	4	1365	40455
25-Jul-17 00:30:00	16	4	1368	40466
25-Jul-17 01:00:00	16	4	1366	40478
25-Jul-17 01:30:00	16	4	1368	40489
25-Jul-17 02:00:00	16	4	1367	40500
25-Jul-17 02:30:00	15	4	1366	40511
25-Jul-17 03:00:00	17	4	1368	40522
25-Jul-17 03:30:00	17	4	1364	40533
25-Jul-17 04:00:00	17	4	1367	40544
25-Jul-17 04:30:00	16	4	1368	40556
25-Jul-17 05:00:00	16	4	1365	40567
25-Jul-17 05:30:00	16	4	1366	40578
25-Jul-17 06:00:00	15	4	1366	40589
25-Jul-17 06:30:00	15	4	1368	40600
25-Jul-17 07:00:00	16	4	1368	40611
25-Jul-17 07:30:00	16	4	1367	40622
25-Jul-17 08:00:00	15	4	1366	40634

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
25-Jul-17 08:30:00	15	4	1365	40645
25-Jul-17 09:00:00	17	4	1364	40656
25-Jul-17 09:30:00	15	4	1366	40667
25-Jul-17 10:00:00	16	4	1367	40678
25-Jul-17 10:30:00	16	4	1365	40689
25-Jul-17 11:00:00	16	4	1369	40701
25-Jul-17 11:30:00	15	4	1367	40712
25-Jul-17 12:00:00	15	4	1366	40723
25-Jul-17 12:30:00	16	4	1362	40734
25-Jul-17 13:00:00	16	4	1367	40746
25-Jul-17 13:30:00	15	4	1368	40757
25-Jul-17 14:00:00	15	4	1368	40768
25-Jul-17 14:30:00	16	4	1369	40779
25-Jul-17 15:00:00	15	4	1364	40790
25-Jul-17 15:30:00	15	4	1367	40801
25-Jul-17 16:00:00	16	4	1364	40813
25-Jul-17 16:30:00	16	4	1366	40824
25-Jul-17 17:00:00	16	4	1366	40835
25-Jul-17 17:30:00	16	4	1369	40846
25-Jul-17 18:00:00	16	4	1367	40858
25-Jul-17 18:30:00	16	4	1369	40869
25-Jul-17 19:00:00	16	4	1367	40880
25-Jul-17 19:30:00	15	4	1364	40891
25-Jul-17 20:00:00	15	4	1363	40902
25-Jul-17 20:30:00	15	4	1365	40913
25-Jul-17 21:00:00	15	4	1365	40924
25-Jul-17 21:30:00	16	4	1368	40935
25-Jul-17 22:00:00	15	4	1364	40946
25-Jul-17 22:30:00	16	4	1368	40957
25-Jul-17 23:00:00	15	4	1365	40968
25-Jul-17 23:30:00	15	4	1368	40979
26-Jul-17 00:00:00	16	4	1364	40990
26-Jul-17 00:30:00	16	4	1366	41001
26-Jul-17 01:00:00	15	4	1364	41012
26-Jul-17 01:30:00	16	4	1364	41023
26-Jul-17 02:00:00	16	4	1367	41034
26-Jul-17 02:30:00	14	4	1368	41045
26-Jul-17 03:00:00	15	4	1365	41056
26-Jul-17 03:30:00	15	4	1364	41067
26-Jul-17 04:00:00	16	4	1365	41078
26-Jul-17 04:30:00	15	4	1367	41089
26-Jul-17 05:00:00	16	4	1365	41100
26-Jul-17 05:30:00	16	4	1368	41111
26-Jul-17 06:00:00	15	4	1370	41122
26-Jul-17 06:30:00	15	4	1367	41132

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
26-Jul-17 07:00:00	16	4	1367	41143
26-Jul-17 07:30:00	16	4	1366	41154
26-Jul-17 08:00:00	16	4	1368	41164
26-Jul-17 08:30:00	15	4	1367	41175
26-Jul-17 09:00:00	16	4	1368	41186
26-Jul-17 09:30:00	14	4	1366	41196
26-Jul-17 10:00:00	16	4	1368	41207
26-Jul-17 10:30:00	14	4	1366	41218
26-Jul-17 11:00:00	14	4	1364	41228
26-Jul-17 11:30:00	15	4	1364	41239
26-Jul-17 12:00:00	15	4	1367	41249
26-Jul-17 12:30:00	14	4	1365	41260
26-Jul-17 13:00:00	14	4	1367	41270
26-Jul-17 13:30:00	15	4	1368	41281
26-Jul-17 14:00:00	14	4	1366	41291
26-Jul-17 14:30:00	14	4	1368	41301
26-Jul-17 15:00:00	15	4	1365	41312
26-Jul-17 15:30:00	14	4	1365	41322
26-Jul-17 16:00:00	14	4	1365	41333
26-Jul-17 16:30:00	15	4	1366	41343
26-Jul-17 17:00:00	15	4	1364	41353
26-Jul-17 17:30:00	15	4	1368	41364
26-Jul-17 18:00:00	14	4	1366	41374
26-Jul-17 18:30:00	15	4	1368	41384
26-Jul-17 19:00:00	15	5	1367	41395
26-Jul-17 19:30:00	15	5	1364	41406
26-Jul-17 20:00:00	15	5	1367	41416
26-Jul-17 20:30:00	15	5	1368	41427
26-Jul-17 21:00:00	14	5	1365	41437
26-Jul-17 21:30:00	15	5	1368	41448
26-Jul-17 22:00:00	14	5	1367	41459
26-Jul-17 22:30:00	15	5	1369	41469
26-Jul-17 23:00:00	15	5	1367	41480
26-Jul-17 23:30:00	16	5	1368	41491
27-Jul-17 00:00:00	14	5	1368	41501
27-Jul-17 00:30:00	15	5	1368	41512
27-Jul-17 01:00:00	15	5	1369	41523
27-Jul-17 01:30:00	15	5	1365	41533
27-Jul-17 02:00:00	16	5	1368	41544
27-Jul-17 02:30:00	15	4	1367	41554
27-Jul-17 03:00:00	15	5	1367	41565
27-Jul-17 03:30:00	16	4	1366	41575
27-Jul-17 04:00:00	15	4	1367	41586
27-Jul-17 04:30:00	15	4	1367	41596
27-Jul-17 05:00:00	15	4	1365	41607

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
27-Jul-17 05:30:00	15	4	1367	41617
27-Jul-17 06:00:00	15	4	1368	41628
27-Jul-17 06:30:00	14	4	1366	41638
27-Jul-17 07:00:00	15	4	1366	41648
27-Jul-17 07:30:00	15	4	1367	41659
27-Jul-17 08:00:00	15	4	1367	41669
27-Jul-17 08:30:00	15	4	1367	41679
27-Jul-17 09:00:00	14	4	1366	41690
27-Jul-17 09:30:00	14	4	1366	41700
27-Jul-17 10:00:00	14	5	1366	41710
27-Jul-17 10:30:00	17	4	1375	41721
27-Jul-17 11:00:00	17	4	1376	41733
27-Jul-17 11:30:00	17	4	1374	41745
27-Jul-17 12:00:00	16	4	1375	41756
27-Jul-17 12:30:00	16	4	1375	41768
27-Jul-17 13:00:00	15	4	1378	41779
27-Jul-17 13:30:00	15	4	1375	41791
27-Jul-17 14:00:00	16	4	1376	41802
27-Jul-17 14:30:00	16	4	1378	41813
27-Jul-17 15:00:00	15	4	1376	41824
27-Jul-17 15:30:00	15	4	1376	41836
27-Jul-17 16:00:00	16	5	1378	41847
27-Jul-17 16:30:00	15	5	1377	41858
27-Jul-17 17:00:00	16	5	1378	41869
27-Jul-17 17:30:00	16	5	1378	41881
27-Jul-17 18:00:00	15	5	1378	41892
27-Jul-17 18:30:00	16	5	1376	41903
27-Jul-17 19:00:00	15	5	1375	41913
27-Jul-17 19:30:00	15	5	1376	41924
27-Jul-17 20:00:00	15	5	1373	41935
27-Jul-17 20:30:00	14	5	1375	41945
27-Jul-17 21:00:00	14	5	1375	41956
27-Jul-17 21:30:00	14	5	1377	41967
27-Jul-17 22:00:00	15	5	1378	41977
27-Jul-17 22:30:00	16	5	1377	41988
27-Jul-17 23:00:00	16	5	1377	41999
27-Jul-17 23:30:00	14	5	1379	42010
28-Jul-17 00:00:00	15	5	1378	42020
28-Jul-17 00:30:00	15	5	1374	42031
28-Jul-17 01:00:00	15	5	1375	42041
28-Jul-17 01:30:00	15	5	1376	42052
28-Jul-17 02:00:00	14	5	1378	42063
28-Jul-17 02:30:00	14	5	1375	42073
28-Jul-17 03:00:00	15	5	1378	42084
28-Jul-17 03:30:00	16	5	1375	42095

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
28-Jul-17 04:00:00	15	5	1376	42105
28-Jul-17 04:30:00	15	5	1377	42116
28-Jul-17 05:00:00	14	5	1377	42127
28-Jul-17 05:30:00	14	5	1376	42137
28-Jul-17 06:00:00	15	5	1377	42148
28-Jul-17 06:30:00	15	5	1376	42158
28-Jul-17 07:00:00	15	5	1374	42169
28-Jul-17 07:30:00	15	5	1375	42180
28-Jul-17 08:00:00	15	5	1378	42191
28-Jul-17 08:30:00	15	5	1376	42201
28-Jul-17 09:00:00	16	5	1376	42212
28-Jul-17 09:30:00	15	5	1376	42223
28-Jul-17 10:00:00	15	5	1376	42233
28-Jul-17 10:30:00	15	5	1376	42244
28-Jul-17 11:00:00	15	5	1376	42255
28-Jul-17 11:30:00	15	5	1377	42265
28-Jul-17 12:00:00	15	5	1377	42276
28-Jul-17 12:30:00	15	5	1375	42287
28-Jul-17 13:00:00	15	5	1375	42298
28-Jul-17 13:30:00	16	5	1377	42309
28-Jul-17 14:00:00	15	5	1376	42319
28-Jul-17 14:30:00	15	5	1376	42330
28-Jul-17 15:00:00	15	5	1376	42341
28-Jul-17 15:30:00	15	5	1375	42351
28-Jul-17 16:00:00	15	5	1376	42362
28-Jul-17 16:30:00	15	5	1375	42373
28-Jul-17 17:00:00	15	5	1376	42383
28-Jul-17 17:30:00	14	5	1376	42394
28-Jul-17 18:00:00	15	5	1376	42405
28-Jul-17 18:30:00	15	5	1375	42415
28-Jul-17 19:00:00	15	5	1376	42426
28-Jul-17 19:30:00	15	5	1376	42434
28-Jul-17 20:00:00	0	6	1277	42435
28-Jul-17 20:30:00	20	5	1376	42450
28-Jul-17 21:00:00	18	5	1375	42463
28-Jul-17 21:30:00	16	4	1375	42476
28-Jul-17 22:00:00	17	4	1376	42488
28-Jul-17 22:30:00	16	4	1376	42500
28-Jul-17 23:00:00	16	4	1376	42512
28-Jul-17 23:30:00	16	4	1376	42523
29-Jul-17 00:00:00	16	4	1376	42535
29-Jul-17 00:30:00	15	4	1374	42546
29-Jul-17 01:00:00	16	4	1376	42557
29-Jul-17 01:30:00	16	4	1376	42569
29-Jul-17 02:00:00	15	4	1376	42580

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
29-Jul-17 02:30:00	16	4	1376	42591
29-Jul-17 03:00:00	16	4	1375	42603
29-Jul-17 03:30:00	14	4	1374	42614
29-Jul-17 04:00:00	16	4	1376	42625
29-Jul-17 04:30:00	16	4	1378	42636
29-Jul-17 05:00:00	16	4	1377	42647
29-Jul-17 05:30:00	16	4	1376	42658
29-Jul-17 06:00:00	15	4	1373	42669
29-Jul-17 06:30:00	16	4	1373	42680
29-Jul-17 07:00:00	14	4	1374	42691
29-Jul-17 07:30:00	15	4	1378	42702
29-Jul-17 08:00:00	15	4	1377	42713
29-Jul-17 08:30:00	16	4	1378	42724
29-Jul-17 09:00:00	16	4	1376	42735
29-Jul-17 09:30:00	15	4	1377	42746
29-Jul-17 10:00:00	15	4	1377	42757
29-Jul-17 10:30:00	16	4	1373	42768
29-Jul-17 11:00:00	15	4	1376	42779
29-Jul-17 11:30:00	15	4	1377	42790
29-Jul-17 12:00:00	15	4	1373	42800
29-Jul-17 12:30:00	14	4	1373	42811
29-Jul-17 13:00:00	15	4	1375	42821
29-Jul-17 13:30:00	14	4	1376	42832
29-Jul-17 14:00:00	14	4	1376	42842
29-Jul-17 14:30:00	14	4	1377	42853
29-Jul-17 15:00:00	15	4	1378	42863
29-Jul-17 15:30:00	14	4	1378	42874
29-Jul-17 16:00:00	14	4	1378	42884
29-Jul-17 16:30:00	14	4	1375	42894
29-Jul-17 17:00:00	14	4	1374	42905
29-Jul-17 17:30:00	14	5	1376	42915
29-Jul-17 18:00:00	15	5	1376	42926
29-Jul-17 18:30:00	15	5	1376	42936
29-Jul-17 19:00:00	15	5	1376	42947
29-Jul-17 19:30:00	14	5	1375	42957
29-Jul-17 20:00:00	15	5	1376	42967
29-Jul-17 20:30:00	14	5	1377	42978
29-Jul-17 21:00:00	14	5	1379	42988
29-Jul-17 21:30:00	14	5	1377	42998
29-Jul-17 22:00:00	15	5	1378	43009
29-Jul-17 22:30:00	15	5	1376	43019
29-Jul-17 23:00:00	14	5	1378	43029
29-Jul-17 23:30:00	15	5	1376	43040
30-Jul-17 00:00:00	14	4	1375	43050
30-Jul-17 00:30:00	14	4	1375	43060

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
30-Jul-17 01:00:00	16	4	1378	43070
30-Jul-17 01:30:00	15	4	1378	43081
30-Jul-17 02:00:00	15	4	1376	43092
30-Jul-17 02:30:00	14	4	1376	43102
30-Jul-17 03:00:00	15	4	1376	43113
30-Jul-17 03:30:00	15	4	1376	43123
30-Jul-17 04:00:00	15	4	1376	43134
30-Jul-17 04:30:00	15	4	1377	43144
30-Jul-17 05:00:00	15	4	1376	43155
30-Jul-17 05:30:00	15	4	1376	43165
30-Jul-17 06:00:00	15	4	1376	43176
30-Jul-17 06:30:00	14	4	1376	43187
30-Jul-17 07:00:00	15	4	1376	43197
30-Jul-17 07:30:00	15	4	1376	43208
30-Jul-17 08:00:00	15	4	1376	43218
30-Jul-17 08:30:00	14	4	1376	43229
30-Jul-17 09:00:00	14	4	1376	43239
30-Jul-17 09:30:00	14	4	1376	43250
30-Jul-17 10:00:00	14	4	1376	43260
30-Jul-17 10:30:00	15	4	1376	43270
30-Jul-17 11:00:00	14	4	1376	43280
30-Jul-17 11:30:00	14	4	1378	43291
30-Jul-17 12:00:00	15	4	1375	43301
30-Jul-17 12:30:00	14	4	1377	43311
30-Jul-17 13:00:00	14	4	1375	43321
30-Jul-17 13:30:00	14	4	1374	43331
30-Jul-17 14:00:00	14	4	1374	43342
30-Jul-17 14:30:00	14	4	1374	43352
30-Jul-17 15:00:00	14	4	1376	43362
30-Jul-17 15:30:00	14	4	1376	43372
30-Jul-17 16:00:00	14	4	1375	43382
30-Jul-17 16:30:00	14	5	1376	43392
30-Jul-17 17:00:00	14	5	1376	43402
30-Jul-17 17:30:00	14	5	1376	43412
30-Jul-17 18:00:00	14	5	1376	43422
30-Jul-17 18:30:00	14	5	1375	43432
30-Jul-17 19:00:00	15	5	1376	43443
30-Jul-17 19:30:00	14	5	1379	43453
30-Jul-17 20:00:00	15	5	1378	43463
30-Jul-17 20:30:00	14	4	1375	43473
30-Jul-17 21:00:00	13	4	1374	43483
30-Jul-17 21:30:00	15	4	1374	43493
30-Jul-17 22:00:00	14	4	1376	43503
30-Jul-17 22:30:00	14	4	1377	43514
30-Jul-17 23:00:00	14	4	1376	43524

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
30-Jul-17 23:30:00	15	4	1377	43534
31-Jul-17 00:00:00	14	4	1376	43544
31-Jul-17 00:30:00	14	4	1376	43554
31-Jul-17 01:00:00	14	4	1376	43564
31-Jul-17 01:30:00	14	4	1376	43575
31-Jul-17 02:00:00	15	4	1374	43585
31-Jul-17 02:30:00	14	4	1376	43595
31-Jul-17 03:00:00	14	4	1376	43605
31-Jul-17 03:30:00	14	4	1376	43615
31-Jul-17 04:00:00	14	4	1376	43625
31-Jul-17 04:30:00	14	4	1376	43636
31-Jul-17 05:00:00	14	4	1376	43646
31-Jul-17 05:30:00	14	4	1376	43656
31-Jul-17 06:00:00	14	4	1376	43666
31-Jul-17 06:30:00	14	4	1376	43676
31-Jul-17 07:00:00	14	4	1376	43686
31-Jul-17 07:30:00	14	4	1376	43696
31-Jul-17 08:00:00	14	4	1376	43706
31-Jul-17 08:30:00	14	4	1376	43716
31-Jul-17 09:00:00	14	4	1375	43727
31-Jul-17 09:30:00	14	4	1377	43737
31-Jul-17 10:00:00	14	4	1375	43747
31-Jul-17 10:30:00	14	4	1374	43757
31-Jul-17 11:00:00	14	4	1376	43767
31-Jul-17 11:30:00	14	4	1376	43777
31-Jul-17 12:00:00	14	4	1375	43787
31-Jul-17 12:30:00	13	4	1376	43797
31-Jul-17 13:00:00	14	4	1376	43807
31-Jul-17 13:30:00	14	4	1376	43817
31-Jul-17 14:00:00	13	4	1376	43827
31-Jul-17 14:30:00	14	5	1376	43837
31-Jul-17 15:00:00	14	5	1376	43847
31-Jul-17 15:30:00	14	5	1376	43857
31-Jul-17 16:00:00	14	5	1376	43867
31-Jul-17 16:30:00	14	5	1376	43877
31-Jul-17 17:00:00	14	5	1376	43886
31-Jul-17 17:30:00	14	5	1376	43896
31-Jul-17 18:00:00	14	5	1375	43906
31-Jul-17 18:30:00	14	5	1376	43916
31-Jul-17 19:00:00	14	5	1376	43926
31-Jul-17 19:30:00	14	5	1376	43936
31-Jul-17 20:00:00	14	5	1377	43946
31-Jul-17 20:30:00	15	5	1378	43956
31-Jul-17 21:00:00	14	5	1376	43966
31-Jul-17 21:30:00	14	5	1374	43976

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
31-Jul-17 22:00:00	14	5	1377	43986
31-Jul-17 22:30:00	15	5	1378	43996
31-Jul-17 23:00:00	14	5	1375	44007
31-Jul-17 23:30:00	15	4	1378	44017
01-Aug-17 00:00:00	14	4	1375	44027
01-Aug-17 00:30:00	14	4	1376	44037
01-Aug-17 01:00:00	14	4	1375	44047
01-Aug-17 01:30:00	14	4	1377	44057
01-Aug-17 02:00:00	14	4	1375	44068
01-Aug-17 02:30:00	15	4	1378	44078
01-Aug-17 03:00:00	15	4	1378	44088
01-Aug-17 03:30:00	15	4	1376	44098
01-Aug-17 04:00:00	13	4	1376	44108
01-Aug-17 04:30:00	15	4	1377	44119
01-Aug-17 05:00:00	15	4	1377	44129
01-Aug-17 05:30:00	15	4	1376	44140
01-Aug-17 06:00:00	15	4	1376	44150
01-Aug-17 06:30:00	14	4	1375	44160
01-Aug-17 07:00:00	15	4	1378	44171
01-Aug-17 07:30:00	13	4	1376	44181
01-Aug-17 08:00:00	13	4	1375	44192
01-Aug-17 08:30:00	13	4	1376	44202
01-Aug-17 09:00:00	15	4	1378	44212
01-Aug-17 09:30:00	15	4	1376	44223
01-Aug-17 10:00:00	15	4	1375	44233
01-Aug-17 10:30:00	15	4	1376	44243
01-Aug-17 11:00:00	13	4	1375	44253
01-Aug-17 11:30:00	15	4	1376	44263
01-Aug-17 12:00:00	13	4	1376	44273
01-Aug-17 12:30:00	14	4	1376	44283
01-Aug-17 13:00:00	13	5	1374	44293
01-Aug-17 13:30:00	14	5	1377	44303
01-Aug-17 14:00:00	14	5	1376	44313
01-Aug-17 14:30:00	14	5	1375	44323
01-Aug-17 15:00:00	14	5	1376	44333
01-Aug-17 15:30:00	14	5	1377	44343
01-Aug-17 16:00:00	14	5	1375	44353
01-Aug-17 16:30:00	15	5	1376	44363
01-Aug-17 17:00:00	14	5	1378	44373
01-Aug-17 17:30:00	13	5	1378	44383
01-Aug-17 18:00:00	15	5	1375	44393
01-Aug-17 18:30:00	15	5	1375	44403
01-Aug-17 19:00:00	16	5	1378	44413
01-Aug-17 19:30:00	15	5	1376	44424
01-Aug-17 20:00:00	15	5	1374	44434

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
01-Aug-17 20:30:00	15	5	1377	44444
01-Aug-17 21:00:00	15	5	1377	44455
01-Aug-17 21:30:00	14	5	1377	44465
01-Aug-17 22:00:00	15	5	1375	44475
01-Aug-17 22:30:00	14	5	1375	44486
01-Aug-17 23:00:00	15	5	1377	44496
01-Aug-17 23:30:00	13	5	1374	44506
02-Aug-17 00:00:00	13	5	1375	44516
02-Aug-17 00:30:00	14	5	1375	44526
02-Aug-17 01:00:00	14	5	1376	44537
02-Aug-17 01:30:00	14	5	1376	44547
02-Aug-17 02:00:00	15	5	1377	44557
02-Aug-17 02:30:00	14	5	1377	44567
02-Aug-17 03:00:00	14	5	1374	44577
02-Aug-17 03:30:00	14	5	1377	44588
02-Aug-17 04:00:00	14	5	1375	44598
02-Aug-17 04:30:00	14	5	1378	44608
02-Aug-17 05:00:00	14	5	1377	44618
02-Aug-17 05:30:00	14	5	1378	44628
02-Aug-17 06:00:00	14	5	1377	44638
02-Aug-17 06:30:00	15	5	1376	44648
02-Aug-17 07:00:00	15	5	1377	44658
02-Aug-17 07:30:00	13	5	1375	44668
02-Aug-17 08:00:00	14	5	1376	4889
02-Aug-17 08:30:00	14	5	1376	4889
02-Aug-17 09:00:00	14	5	1377	4889
02-Aug-17 09:30:00	14	5	1375	4889
02-Aug-17 10:00:00	14	5	1377	4889
02-Aug-17 10:30:00	14	5	1376	4889
02-Aug-17 11:00:00	14	5	1377	4889
02-Aug-17 11:30:00	14	5	1377	4889
02-Aug-17 12:00:00	14	5	1376	4889
02-Aug-17 12:30:00	14	5	1377	44770
02-Aug-17 13:00:00	14	5	1374	44780
02-Aug-17 13:30:00	14	5	1376	44790
02-Aug-17 14:00:00	16	5	1379	44801
02-Aug-17 14:30:00	17	5	1376	44813
02-Aug-17 15:00:00	0	5	1282	44818
02-Aug-17 15:30:00	0	6	1257	44818
02-Aug-17 16:00:00	0	7	1245	44818
02-Aug-17 16:30:00	0	7	1236	44818
02-Aug-17 17:00:00	0	8	1229	44818
02-Aug-17 17:30:00	0	9	1224	44818
02-Aug-17 18:00:00	0	9	1219	44818
02-Aug-17 18:30:00	0	10	1214	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
02-Aug-17 19:00:00	0	10	1210	44818
02-Aug-17 19:30:00	0	11	1207	44818
02-Aug-17 20:00:00	0	11	1204	44818
02-Aug-17 20:30:00	0	11	1201	44818
02-Aug-17 21:00:00	0	12	1198	44818
02-Aug-17 21:30:00	0	12	1195	44818
02-Aug-17 22:00:00	0	13	1192	44818
02-Aug-17 22:30:00	0	13	1190	44818
02-Aug-17 23:00:00	0	13	1188	44818
02-Aug-17 23:30:00	0	14	1185	44818
03-Aug-17 00:00:00	0	14	1183	44818
03-Aug-17 00:30:00	0	14	1181	44818
03-Aug-17 01:00:00	0	14	1179	44818
03-Aug-17 01:30:00	0	15	1177	44818
03-Aug-17 02:00:00	0	15	1175	44818
03-Aug-17 02:30:00	0	15	1173	44818
03-Aug-17 03:00:00	0	15	1172	44818
03-Aug-17 03:30:00	0	16	1170	44818
03-Aug-17 04:00:00	0	16	1168	44818
03-Aug-17 04:30:00	0	16	1166	44818
03-Aug-17 05:00:00	0	16	1164	44818
03-Aug-17 05:30:00	0	16	1163	44818
03-Aug-17 06:00:00	0	17	1161	44818
03-Aug-17 06:30:00	0	17	1160	44818
03-Aug-17 07:00:00	0	17	1158	44818
03-Aug-17 07:30:00	0	17	1156	44818
03-Aug-17 08:00:00	0	18	1155	44818
03-Aug-17 08:30:00	0	18	1153	44818
03-Aug-17 09:00:00	0	18	1152	44818
03-Aug-17 09:30:00	0	18	1151	44818
03-Aug-17 10:00:00	0	18	1149	44818
03-Aug-17 10:30:00	0	19	1148	44818
03-Aug-17 11:00:00	0	19	1146	44818
03-Aug-17 11:30:00	0	19	1145	44818
03-Aug-17 12:00:00	0	19	1143	44818
03-Aug-17 12:30:00	0	19	1142	44818
03-Aug-17 13:00:00	0	20	1141	44818
03-Aug-17 13:30:00	0	20	1140	44818
03-Aug-17 14:00:00	0	20	1139	44818
03-Aug-17 14:30:00	0	20	1138	44818
03-Aug-17 15:00:00	0	20	1135	44818
03-Aug-17 15:30:00	0	21	1135	44818
03-Aug-17 16:00:00	0	21	1134	44818
03-Aug-17 16:30:00	0	21	1133	44818
03-Aug-17 17:00:00	0	21	1131	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
03-Aug-17 17:30:00	0	21	1130	44818
03-Aug-17 18:00:00	0	21	1130	44818
03-Aug-17 18:30:00	0	21	1129	44818
03-Aug-17 19:00:00	0	22	1127	44818
03-Aug-17 19:30:00	0	22	1126	44818
03-Aug-17 20:00:00	0	22	1125	44818
03-Aug-17 20:30:00	0	22	1124	44818
03-Aug-17 21:00:00	0	22	1123	44818
03-Aug-17 21:30:00	0	22	1122	44818
03-Aug-17 22:00:00	0	22	1121	44818
03-Aug-17 22:30:00	0	23	1120	44818
03-Aug-17 23:00:00	0	23	1119	44818
03-Aug-17 23:30:00	0	23	1118	44818
04-Aug-17 00:00:00	0	23	1117	44818
04-Aug-17 00:30:00	0	23	1116	44818
04-Aug-17 01:00:00	0	23	1115	44818
04-Aug-17 01:30:00	0	23	1114	44818
04-Aug-17 02:00:00	0	23	1113	44818
04-Aug-17 02:30:00	0	23	1112	44818
04-Aug-17 03:00:00	0	24	1111	44818
04-Aug-17 03:30:00	0	24	1110	44818
04-Aug-17 04:00:00	0	24	1110	44818
04-Aug-17 04:30:00	0	24	1109	44818
04-Aug-17 05:00:00	0	24	1108	44818
04-Aug-17 05:30:00	0	24	1107	44818
04-Aug-17 06:00:00	0	24	1106	44818
04-Aug-17 06:30:00	0	24	1105	44818
04-Aug-17 07:00:00	0	24	1104	44818
04-Aug-17 07:30:00	0	24	1103	44818
04-Aug-17 08:00:00	0	25	1102	44818
04-Aug-17 08:30:00	0	25	1101	44818
04-Aug-17 09:00:00	0	25	1101	44818
04-Aug-17 09:30:00	0	25	1100	44818
04-Aug-17 10:00:00	0	25	1099	44818
04-Aug-17 10:30:00	0	25	1098	44818
04-Aug-17 11:00:00	0	26	1097	44818
04-Aug-17 11:30:00	0	26	1096	44818
04-Aug-17 12:00:00	0	26	1096	44818
04-Aug-17 12:30:00	0	26	1095	44818
04-Aug-17 13:00:00	0	26	1094	44818
04-Aug-17 13:30:00	0	26	1093	44818
04-Aug-17 14:00:00	0	26	1092	44818
04-Aug-17 14:30:00	0	26	1092	44818
04-Aug-17 15:00:00	0	27	1091	44818
04-Aug-17 15:30:00	0	27	1090	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
04-Aug-17 16:00:00	0	27	1089	44818
04-Aug-17 16:30:00	0	27	1089	44818
04-Aug-17 17:00:00	0	27	1088	44818
04-Aug-17 17:30:00	0	27	1087	44818
04-Aug-17 18:00:00	0	27	1086	44818
04-Aug-17 18:30:00	0	27	1086	44818
04-Aug-17 19:00:00	0	28	1085	44818
04-Aug-17 19:30:00	0	28	1084	44818
04-Aug-17 20:00:00	0	28	1084	44818
04-Aug-17 20:30:00	0	28	1083	44818
04-Aug-17 21:00:00	0	28	1082	44818
04-Aug-17 21:30:00	0	28	1081	44818
04-Aug-17 22:00:00	0	28	1081	44818
04-Aug-17 22:30:00	0	28	1080	44818
04-Aug-17 23:00:00	0	28	1079	44818
04-Aug-17 23:30:00	0	28	1078	44818
05-Aug-17 00:00:00	0	28	1078	44818
05-Aug-17 00:30:00	0	28	1077	44818
05-Aug-17 01:00:00	0	29	1076	44818
05-Aug-17 01:30:00	0	29	1076	44818
05-Aug-17 02:00:00	0	29	1075	44818
05-Aug-17 02:30:00	0	29	1074	44818
05-Aug-17 03:00:00	0	29	1074	44818
05-Aug-17 03:30:00	0	29	1073	44818
05-Aug-17 04:00:00	0	29	1072	44818
05-Aug-17 04:30:00	0	29	1072	44818
05-Aug-17 05:00:00	0	29	1071	44818
05-Aug-17 05:30:00	0	29	1070	44818
05-Aug-17 06:00:00	0	29	1070	44818
05-Aug-17 06:30:00	0	29	1069	44818
05-Aug-17 07:00:00	0	30	1068	44818
05-Aug-17 07:30:00	0	30	1068	44818
05-Aug-17 08:00:00	0	30	1067	44818
05-Aug-17 08:30:00	0	30	1066	44818
05-Aug-17 09:00:00	0	30	1066	44818
05-Aug-17 09:30:00	0	30	1065	44818
05-Aug-17 10:00:00	0	30	1064	44818
05-Aug-17 10:30:00	0	30	1064	44818
05-Aug-17 11:00:00	0	30	1064	44818
05-Aug-17 11:30:00	0	30	1062	44818
05-Aug-17 12:00:00	0	31	1061	44818
05-Aug-17 12:30:00	0	31	1061	44818
05-Aug-17 13:00:00	0	31	1060	44818
05-Aug-17 13:30:00	0	31	1059	44818
05-Aug-17 14:00:00	0	31	1059	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
05-Aug-17 14:30:00	0	31	1058	44818
05-Aug-17 15:00:00	0	31	1058	44818
05-Aug-17 15:30:00	0	31	1057	44818
05-Aug-17 16:00:00	0	31	1057	44818
05-Aug-17 16:30:00	0	32	1056	44818
05-Aug-17 17:00:00	0	32	1056	44818
05-Aug-17 17:30:00	0	32	1055	44818
05-Aug-17 18:00:00	0	32	1054	44818
05-Aug-17 18:30:00	0	32	1054	44818
05-Aug-17 19:00:00	0	32	1054	44818
05-Aug-17 19:30:00	0	32	1053	44818
05-Aug-17 20:00:00	0	32	1052	44818
05-Aug-17 20:30:00	0	32	1052	44818
05-Aug-17 21:00:00	0	32	1051	44818
05-Aug-17 21:30:00	0	32	1051	44818
05-Aug-17 22:00:00	0	32	1050	44818
05-Aug-17 22:30:00	0	33	1049	44818
05-Aug-17 23:00:00	0	33	1049	44818
05-Aug-17 23:30:00	0	33	1048	44818
06-Aug-17 00:00:00	0	33	1048	44818
06-Aug-17 00:30:00	0	33	1047	44818
06-Aug-17 01:00:00	0	33	1047	44818
06-Aug-17 01:30:00	0	33	1046	44818
06-Aug-17 02:00:00	0	33	1046	44818
06-Aug-17 02:30:00	0	33	1045	44818
06-Aug-17 03:00:00	0	33	1044	44818
06-Aug-17 03:30:00	0	33	1044	44818
06-Aug-17 04:00:00	0	33	1043	44818
06-Aug-17 04:30:00	0	33	1043	44818
06-Aug-17 05:00:00	0	33	1042	44818
06-Aug-17 05:30:00	0	33	1042	44818
06-Aug-17 06:00:00	0	33	1041	44818
06-Aug-17 06:30:00	0	33	1041	44818
06-Aug-17 07:00:00	0	34	1040	44818
06-Aug-17 07:30:00	0	34	1040	44818
06-Aug-17 08:00:00	0	34	1039	44818
06-Aug-17 08:30:00	0	34	1039	44818
06-Aug-17 09:00:00	0	34	1038	44818
06-Aug-17 09:30:00	0	34	1037	44818
06-Aug-17 10:00:00	0	34	1037	44818
06-Aug-17 10:30:00	0	34	1036	44818
06-Aug-17 11:00:00	0	34	1036	44818
06-Aug-17 11:30:00	0	35	1035	44818
06-Aug-17 12:00:00	0	35	1034	44818
06-Aug-17 12:30:00	0	35	1034	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
06-Aug-17 13:00:00	0	35	1033	44818
06-Aug-17 13:30:00	0	35	1032	44818
06-Aug-17 14:00:00	0	35	1033	44818
06-Aug-17 14:30:00	0	35	1032	44818
06-Aug-17 15:00:00	0	35	1032	44818
06-Aug-17 15:30:00	0	35	1031	44818
06-Aug-17 16:00:00	0	36	1030	44818
06-Aug-17 16:30:00	0	36	1030	44818
06-Aug-17 17:00:00	0	36	1030	44818
06-Aug-17 17:30:00	0	36	1029	44818
06-Aug-17 18:00:00	0	36	1029	44818
06-Aug-17 18:30:00	0	36	1028	44818
06-Aug-17 19:00:00	0	36	1027	44818
06-Aug-17 19:30:00	0	36	1027	44818
06-Aug-17 20:00:00	0	36	1027	44818
06-Aug-17 20:30:00	0	36	1026	44818
06-Aug-17 21:00:00	0	36	1026	44818
06-Aug-17 21:30:00	0	36	1025	44818
06-Aug-17 22:00:00	0	36	1025	44818
06-Aug-17 22:30:00	0	36	1024	44818
06-Aug-17 23:00:00	0	36	1024	44818
06-Aug-17 23:30:00	0	36	1023	44818
07-Aug-17 00:00:00	0	37	1023	44818
07-Aug-17 00:30:00	0	37	1022	44818
07-Aug-17 01:00:00	0	37	1022	44818
07-Aug-17 01:30:00	0	37	1022	44818
07-Aug-17 02:00:00	0	37	1021	44818
07-Aug-17 02:30:00	0	37	1021	44818
07-Aug-17 03:00:00	0	37	1020	44818
07-Aug-17 03:30:00	0	37	1020	44818
07-Aug-17 04:00:00	0	37	1019	44818
07-Aug-17 04:30:00	0	37	1019	44818
07-Aug-17 05:00:00	0	37	1018	44818
07-Aug-17 05:30:00	0	37	1018	44818
07-Aug-17 06:00:00	0	37	1018	44818
07-Aug-17 06:30:00	0	37	1017	44818
07-Aug-17 07:00:00	0	37	1016	44818
07-Aug-17 07:30:00	0	37	1016	44818
07-Aug-17 08:00:00	0	37	1015	44818
07-Aug-17 08:30:00	0	37	1015	44818
07-Aug-17 09:00:00	0	37	1015	44818
07-Aug-17 09:30:00	0	37	1014	44818
07-Aug-17 10:00:00	0	37	1014	44818
07-Aug-17 10:30:00	0	38	1013	44818
07-Aug-17 11:00:00	0	38	1013	44818

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
07-Aug-17 11:30:00	30	20	1187	44840
07-Aug-17 12:00:00	26	13	1190	44860
07-Aug-17 12:30:00	24	10	1188	44877
07-Aug-17 13:00:00	22	8	1190	44894
07-Aug-17 13:30:00	22	7	1190	44909
07-Aug-17 14:00:00	35	6	1237	44926
07-Aug-17 14:30:00	29	5	1239	44948
07-Aug-17 15:00:00	27	4	1239	44968
07-Aug-17 15:30:00	27	4	1239	44987
07-Aug-17 16:00:00	25	4	1239	45006
07-Aug-17 16:30:00	25	3	1241	45024
07-Aug-17 17:00:00	24	3	1238	45041
07-Aug-17 17:30:00	23	3	1240	45058
07-Aug-17 18:00:00	23	3	1240	45075
07-Aug-17 18:30:00	23	3	1240	45091
07-Aug-17 19:00:00	22	3	1239	45107
07-Aug-17 19:30:00	22	3	1239	45123
07-Aug-17 20:00:00	21	3	1238	45139
07-Aug-17 20:30:00	22	3	1241	45154
07-Aug-17 21:00:00	21	3	1240	45169
07-Aug-17 21:30:00	20	3	1240	45184
07-Aug-17 22:00:00	20	3	1240	45199
07-Aug-17 22:30:00	20	3	1241	45213
07-Aug-17 23:00:00	20	3	1239	45227
07-Aug-17 23:30:00	19	3	1241	45242
08-Aug-17 00:00:00	20	3	1247	45256
08-Aug-17 00:30:00	21	3	1245	45271
08-Aug-17 01:00:00	20	3	1247	45285
08-Aug-17 01:30:00	19	3	1245	45299
08-Aug-17 02:00:00	19	3	1246	45313
08-Aug-17 02:30:00	19	3	1245	45327
08-Aug-17 03:00:00	19	3	1246	45341
08-Aug-17 03:30:00	18	3	1245	45354
08-Aug-17 04:00:00	19	3	1246	45368
08-Aug-17 04:30:00	20	3	1250	45382
08-Aug-17 05:00:00	19	3	1251	45396
08-Aug-17 05:30:00	19	3	1251	45409
08-Aug-17 06:00:00	19	3	1251	45423
08-Aug-17 06:30:00	19	3	1250	45436
08-Aug-17 07:00:00	19	3	1251	45450
08-Aug-17 07:30:00	23	3	1262	45463
08-Aug-17 08:00:00	21	3	1263	45478
08-Aug-17 08:30:00	23	3	1270	45493
08-Aug-17 09:00:00	22	3	1271	45508
08-Aug-17 09:30:00	21	3	1270	45523

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
08-Aug-17 10:00:00	21	3	1271	45538
08-Aug-17 10:30:00	21	3	1270	45553
08-Aug-17 11:00:00	20	3	1271	45567
08-Aug-17 11:30:00	21	3	1272	45582
08-Aug-17 12:00:00	22	3	1280	45596
08-Aug-17 12:30:00	22	3	1279	45612
08-Aug-17 13:00:00	21	3	1278	45627
08-Aug-17 13:30:00	20	3	1281	45641
08-Aug-17 14:00:00	20	3	1281	45656
08-Aug-17 14:30:00	22	3	1292	45672
08-Aug-17 15:00:00	27	2	1310	45690
08-Aug-17 15:30:00	27	2	1320	45710
08-Aug-17 16:00:00	27	2	1320	45729
08-Aug-17 16:30:00	26	2	1318	45748
08-Aug-17 17:00:00	25	2	1320	45766
08-Aug-17 17:30:00	25	2	1318	45784
08-Aug-17 18:00:00	25	2	1320	45802
08-Aug-17 18:30:00	25	2	1320	45819
08-Aug-17 19:00:00	24	2	1319	45836
08-Aug-17 19:30:00	24	2	1320	45853
08-Aug-17 20:00:00	24	2	1322	45870
08-Aug-17 20:30:00	23	2	1320	45887
08-Aug-17 21:00:00	24	2	1321	45903
08-Aug-17 21:30:00	24	2	1320	45920
08-Aug-17 22:00:00	23	2	1321	45936
08-Aug-17 22:30:00	23	2	1321	45952
08-Aug-17 23:00:00	22	2	1319	45968
08-Aug-17 23:30:00	22	2	1318	45983
09-Aug-17 00:00:00	23	2	1325	45999
09-Aug-17 00:30:00	23	2	1325	46015
09-Aug-17 01:00:00	22	2	1324	46031
09-Aug-17 01:30:00	22	2	1324	46047
09-Aug-17 02:00:00	22	2	1326	46062
09-Aug-17 02:30:00	21	2	1323	46078
09-Aug-17 03:00:00	22	2	1324	46093
09-Aug-17 03:30:00	22	2	1325	46108
09-Aug-17 04:00:00	21	2	1326	46123
09-Aug-17 04:30:00	21	2	1325	46138
09-Aug-17 05:00:00	21	2	1326	46153
09-Aug-17 05:30:00	20	2	1325	46167
09-Aug-17 06:00:00	21	2	1325	46182
09-Aug-17 06:30:00	20	2	1324	46197
09-Aug-17 07:00:00	20	2	1326	46211
09-Aug-17 07:30:00	24	2	1339	46228
09-Aug-17 08:00:00	23	2	1340	46245

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
09-Aug-17 08:30:00	23	2	1341	46261
09-Aug-17 09:00:00	23	2	1340	46277
09-Aug-17 09:30:00	22	2	1340	46292
09-Aug-17 10:00:00	22	2	1339	46308
09-Aug-17 10:30:00	22	2	1341	46323
09-Aug-17 11:00:00	23	2	1340	46339
09-Aug-17 11:30:00	21	2	1338	46354
09-Aug-17 12:00:00	22	2	1342	46370
09-Aug-17 12:30:00	21	2	1340	46385
09-Aug-17 13:00:00	21	2	1340	46400
09-Aug-17 13:30:00	22	2	1341	46415
09-Aug-17 14:00:00	21	2	1340	46429
09-Aug-17 14:30:00	23	2	1352	46446
09-Aug-17 15:00:00	22	2	1350	46462
09-Aug-17 15:30:00	21	2	1350	46478
09-Aug-17 16:00:00	22	2	1350	46493
09-Aug-17 16:30:00	21	2	1350	46509
09-Aug-17 17:00:00	22	2	1350	46524
09-Aug-17 17:30:00	21	2	1351	46539
09-Aug-17 18:00:00	20	2	1351	46554
09-Aug-17 18:30:00	21	2	1350	46569
09-Aug-17 19:00:00	21	2	1351	46584
09-Aug-17 19:30:00	21	2	1349	46599
09-Aug-17 20:00:00	20	3	1349	46614
09-Aug-17 20:30:00	20	3	1350	46628
09-Aug-17 21:00:00	19	2	1350	46643
09-Aug-17 21:30:00	20	3	1352	46657
09-Aug-17 22:00:00	19	3	1351	46671
09-Aug-17 22:30:00	20	3	1349	46686
09-Aug-17 23:00:00	20	3	1350	46700
09-Aug-17 23:30:00	21	3	1349	46714
10-Aug-17 00:00:00	19	3	1350	46728
10-Aug-17 00:30:00	19	3	1350	46742
10-Aug-17 01:00:00	19	3	1349	46756
10-Aug-17 01:30:00	19	3	1350	46770
10-Aug-17 02:00:00	19	3	1349	46783
10-Aug-17 02:30:00	19	3	1350	46797
10-Aug-17 03:00:00	20	3	1353	46811
10-Aug-17 03:30:00	20	3	1351	46825
10-Aug-17 04:00:00	19	3	1351	46839
10-Aug-17 04:30:00	19	3	1350	46852
10-Aug-17 05:00:00	19	3	1350	46866
10-Aug-17 05:30:00	20	3	1350	46880
10-Aug-17 06:00:00	18	3	1352	46893
10-Aug-17 06:30:00	19	3	1350	46907

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
10-Aug-17 07:00:00	19	3	1352	46920
10-Aug-17 07:30:00	19	3	1349	46933
10-Aug-17 08:00:00	21	3	1359	46948
10-Aug-17 08:30:00	21	2	1360	46963
10-Aug-17 09:00:00	20	2	1362	46978
10-Aug-17 09:30:00	20	2	1362	46992
10-Aug-17 10:00:00	20	2	1359	47006
10-Aug-17 10:30:00	20	2	1359	47021
10-Aug-17 11:00:00	20	2	1361	47035
10-Aug-17 11:30:00	21	3	1360	47050
10-Aug-17 12:00:00	3	3	1351	47064
10-Aug-17 12:30:00	0	3	1276	47064
10-Aug-17 13:00:00	24	3	1360	47078
10-Aug-17 13:30:00	22	3	1360	47094
10-Aug-17 14:00:00	22	3	1362	47110
10-Aug-17 14:30:00	21	3	1359	47124
10-Aug-17 15:00:00	20	3	1360	47139
10-Aug-17 15:30:00	20	3	1363	47154
10-Aug-17 16:00:00	20	3	1362	47168
10-Aug-17 16:30:00	20	3	1363	47182
10-Aug-17 17:00:00	20	3	1363	47196
10-Aug-17 17:30:00	18	3	1363	47210
10-Aug-17 18:00:00	19	3	1360	47224
10-Aug-17 18:30:00	19	3	1362	47237
10-Aug-17 19:00:00	18	3	1362	47250
10-Aug-17 19:30:00	18	3	1361	47264
10-Aug-17 20:00:00	19	3	1359	47277
10-Aug-17 20:30:00	18	3	1359	47290
10-Aug-17 21:00:00	18	3	1361	47303
10-Aug-17 21:30:00	18	3	1363	47316
10-Aug-17 22:00:00	18	3	1361	47329
10-Aug-17 22:30:00	18	3	1360	47342
10-Aug-17 23:00:00	18	3	1363	47355
10-Aug-17 23:30:00	18	3	1361	47368
11-Aug-17 00:00:00	18	3	1359	47381
11-Aug-17 00:30:00	18	3	1361	47393
11-Aug-17 01:00:00	17	3	1359	47406
11-Aug-17 01:30:00	18	3	1359	47419
11-Aug-17 02:00:00	17	3	1361	47432
11-Aug-17 02:30:00	17	3	1361	47444
11-Aug-17 03:00:00	18	3	1362	47457
11-Aug-17 03:30:00	17	3	1363	47470
11-Aug-17 04:00:00	17	3	1363	47482
11-Aug-17 04:30:00	18	3	1359	47495
11-Aug-17 05:00:00	17	3	1361	47507

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
11-Aug-17 05:30:00	18	3	1360	47520
11-Aug-17 06:00:00	18	3	1363	47532
11-Aug-17 06:30:00	17	3	1361	47544
11-Aug-17 07:00:00	17	3	1360	47557
11-Aug-17 07:30:00	18	3	1363	47569
11-Aug-17 08:00:00	17	3	1362	47581
11-Aug-17 08:30:00	17	3	1360	47594
11-Aug-17 09:00:00	17	3	1360	47606
11-Aug-17 09:30:00	16	3	1361	47618
11-Aug-17 10:00:00	16	3	1363	47630
11-Aug-17 10:30:00	17	3	1361	47642
11-Aug-17 11:00:00	18	3	1359	47654
11-Aug-17 11:30:00	17	3	1362	47666
11-Aug-17 12:00:00	18	3	1362	47678
11-Aug-17 12:30:00	16	3	1359	47690
11-Aug-17 13:00:00	16	3	1361	47702
11-Aug-17 13:30:00	16	3	1362	47714
11-Aug-17 14:00:00	17	3	1361	47726
11-Aug-17 14:30:00	17	3	1362	47738
11-Aug-17 15:00:00	17	3	1360	47750
11-Aug-17 15:30:00	17	3	1361	47761
11-Aug-17 16:00:00	16	3	1359	47773
11-Aug-17 16:30:00	16	3	1358	47785
11-Aug-17 17:00:00	16	3	1359	47797
11-Aug-17 17:30:00	16	3	1360	47808
11-Aug-17 18:00:00	16	3	1363	47820
11-Aug-17 18:30:00	16	3	1359	47831
11-Aug-17 19:00:00	16	3	1360	47843
11-Aug-17 19:30:00	16	3	1361	47854
11-Aug-17 20:00:00	17	3	1363	47866
11-Aug-17 20:30:00	16	3	1361	47877
11-Aug-17 21:00:00	16	3	1361	47889
11-Aug-17 21:30:00	15	3	1359	47900
11-Aug-17 22:00:00	16	3	1360	47911
11-Aug-17 22:30:00	15	3	1363	47923
11-Aug-17 23:00:00	16	3	1361	47934
11-Aug-17 23:30:00	16	3	1361	47945
12-Aug-17 00:00:00	17	3	1362	47957
12-Aug-17 00:30:00	16	3	1361	47968
12-Aug-17 01:00:00	15	3	1360	47979
12-Aug-17 01:30:00	16	3	1360	47991
12-Aug-17 02:00:00	16	3	1360	48002
12-Aug-17 02:30:00	16	3	1360	48013
12-Aug-17 03:00:00	16	3	1361	48024
12-Aug-17 03:30:00	17	3	1361	48036

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
12-Aug-17 04:00:00	16	3	1359	48047
12-Aug-17 04:30:00	15	3	1361	48058
12-Aug-17 05:00:00	15	3	1360	48069
12-Aug-17 05:30:00	15	3	1363	48080
12-Aug-17 06:00:00	16	3	1363	48092
12-Aug-17 06:30:00	15	3	1361	48103
12-Aug-17 07:00:00	15	3	1360	48114
12-Aug-17 07:30:00	16	3	1361	48125
12-Aug-17 08:00:00	16	3	1359	48136
12-Aug-17 08:30:00	16	3	1360	48147
12-Aug-17 09:00:00	16	3	1362	48158
12-Aug-17 09:30:00	15	3	1359	48169
12-Aug-17 10:00:00	16	3	1362	48180
12-Aug-17 10:30:00	15	3	1359	48191
12-Aug-17 11:00:00	16	3	1361	48202
12-Aug-17 11:30:00	15	3	1361	48213
12-Aug-17 12:00:00	16	3	1362	48224
12-Aug-17 12:30:00	16	3	1364	48235
12-Aug-17 13:00:00	16	3	1362	48246
12-Aug-17 13:30:00	15	3	1363	48257
12-Aug-17 14:00:00	15	3	1361	48268
12-Aug-17 14:30:00	16	3	1361	48279
12-Aug-17 15:00:00	15	4	1360	48289
12-Aug-17 15:30:00	14	4	1359	48300
12-Aug-17 16:00:00	14	4	1361	48311
12-Aug-17 16:30:00	15	4	1361	48321
12-Aug-17 17:00:00	16	4	1360	48332
12-Aug-17 17:30:00	16	4	1363	48343
12-Aug-17 18:00:00	15	4	1362	48353
12-Aug-17 18:30:00	14	4	1361	48364
12-Aug-17 19:00:00	16	4	1363	48375
12-Aug-17 19:30:00	14	4	1363	48386
12-Aug-17 20:00:00	14	4	1362	48396
12-Aug-17 20:30:00	15	4	1362	48407
12-Aug-17 21:00:00	16	4	1359	48417
12-Aug-17 21:30:00	15	4	1361	48428
12-Aug-17 22:00:00	15	4	1361	48438
12-Aug-17 22:30:00	15	4	1362	48449
12-Aug-17 23:00:00	15	4	1362	48459
12-Aug-17 23:30:00	14	4	1360	48470
13-Aug-17 00:00:00	14	4	1360	48481
13-Aug-17 00:30:00	15	4	1363	48491
13-Aug-17 01:00:00	14	4	1361	48501
13-Aug-17 01:30:00	14	4	1361	48512
13-Aug-17 02:00:00	15	4	1362	48522

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
13-Aug-17 02:30:00	14	4	1361	48533
13-Aug-17 03:00:00	15	4	1360	48543
13-Aug-17 03:30:00	14	4	1361	48554
13-Aug-17 04:00:00	15	4	1363	48564
13-Aug-17 04:30:00	14	4	1360	48574
13-Aug-17 05:00:00	14	4	1362	48584
13-Aug-17 05:30:00	15	4	1361	48595
13-Aug-17 06:00:00	14	4	1361	48605
13-Aug-17 06:30:00	15	4	1360	48615
13-Aug-17 07:00:00	14	4	1361	48626
13-Aug-17 07:30:00	15	4	1361	48636
13-Aug-17 08:00:00	14	4	1361	48646
13-Aug-17 08:30:00	14	4	1362	48656
13-Aug-17 09:00:00	14	4	1362	48667
13-Aug-17 09:30:00	14	4	1360	48677
13-Aug-17 10:00:00	16	4	1361	48687
13-Aug-17 10:30:00	14	4	1361	48697
13-Aug-17 11:00:00	14	4	1361	48707
13-Aug-17 11:30:00	14	4	1360	48718
13-Aug-17 12:00:00	14	4	1360	48728
13-Aug-17 12:30:00	15	4	1361	48738
13-Aug-17 13:00:00	14	4	1361	48748
13-Aug-17 13:30:00	14	4	1361	48759
13-Aug-17 14:00:00	15	4	1361	48769
13-Aug-17 14:30:00	15	4	1362	48779
13-Aug-17 15:00:00	15	4	1361	48789
13-Aug-17 15:30:00	14	4	1361	48799
13-Aug-17 16:00:00	15	4	1363	48810
13-Aug-17 16:30:00	14	4	1362	48820
13-Aug-17 17:00:00	14	4	1362	48830
13-Aug-17 17:30:00	13	4	1361	48840
13-Aug-17 18:00:00	14	4	1362	48850
13-Aug-17 18:30:00	14	4	1361	48860
13-Aug-17 19:00:00	14	4	1361	48870
13-Aug-17 19:30:00	14	4	1361	48880
13-Aug-17 20:00:00	14	4	1362	48890
13-Aug-17 20:30:00	14	4	1362	48900
13-Aug-17 21:00:00	14	4	1362	48910
13-Aug-17 21:30:00	13	4	1362	48920
13-Aug-17 22:00:00	14	4	1363	48930
13-Aug-17 22:30:00	13	4	1359	48939
13-Aug-17 23:00:00	13	4	1361	48949
13-Aug-17 23:30:00	14	4	1361	48959
14-Aug-17 00:00:00	14	4	1362	48969
14-Aug-17 00:30:00	14	4	1362	48979

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
14-Aug-17 01:00:00	14	4	1362	48989
14-Aug-17 01:30:00	13	4	1363	48999
14-Aug-17 02:00:00	14	4	1363	49009
14-Aug-17 02:30:00	13	4	1362	49019
14-Aug-17 03:00:00	14	4	1362	49028
14-Aug-17 03:30:00	14	4	1361	49038
14-Aug-17 04:00:00	14	4	1362	49048
14-Aug-17 04:30:00	14	4	1361	49058
14-Aug-17 05:00:00	13	4	1360	49068
14-Aug-17 05:30:00	13	4	1361	49078
14-Aug-17 06:00:00	15	4	1361	49088
14-Aug-17 06:30:00	13	4	1362	49097
14-Aug-17 07:00:00	14	4	1364	49107
14-Aug-17 07:30:00	14	4	1363	49117
14-Aug-17 08:00:00	15	4	1364	49127
14-Aug-17 08:30:00	14	4	1368	49138
14-Aug-17 09:00:00	14	4	1366	49148
14-Aug-17 09:30:00	13	4	1364	49158
14-Aug-17 10:00:00	15	4	1367	49168
14-Aug-17 10:30:00	14	4	1366	49179
14-Aug-17 11:00:00	13	4	1365	49189
14-Aug-17 11:30:00	14	4	1365	49199
14-Aug-17 12:00:00	14	4	1365	49209
14-Aug-17 12:30:00	15	4	1366	49219
14-Aug-17 13:00:00	15	4	1368	49229
14-Aug-17 13:30:00	13	4	1365	49239
14-Aug-17 14:00:00	13	4	1366	49249
14-Aug-17 14:30:00	14	4	1365	49259
14-Aug-17 15:00:00	15	4	1367	49269
14-Aug-17 15:30:00	13	4	1366	49279
14-Aug-17 16:00:00	15	4	1367	49289
14-Aug-17 16:30:00	15	5	1368	49299
14-Aug-17 17:00:00	13	5	1367	49309
14-Aug-17 17:30:00	13	5	1367	49319
14-Aug-17 18:00:00	13	5	1365	49329
14-Aug-17 18:30:00	15	5	1367	49339
14-Aug-17 19:00:00	14	5	1367	49348
14-Aug-17 19:30:00	13	5	1367	49358
14-Aug-17 20:00:00	13	5	1369	49368
14-Aug-17 20:30:00	15	5	1364	49378
14-Aug-17 21:00:00	13	5	1366	49388
14-Aug-17 21:30:00	13	5	1365	49398
14-Aug-17 22:00:00	14	5	1368	49408
14-Aug-17 22:30:00	14	5	1365	49418
14-Aug-17 23:00:00	15	5	1367	49428

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
14-Aug-17 23:30:00	14	5	1364	49437
15-Aug-17 00:00:00	14	5	1366	49447
15-Aug-17 00:30:00	14	5	1368	49457
15-Aug-17 01:00:00	14	5	1367	49467
15-Aug-17 01:30:00	13	5	1364	49477
15-Aug-17 02:00:00	14	5	1367	49487
15-Aug-17 02:30:00	13	5	1367	49497
15-Aug-17 03:00:00	14	5	1366	49507
15-Aug-17 03:30:00	14	5	1366	49516
15-Aug-17 04:00:00	13	5	1366	49526
15-Aug-17 04:30:00	13	5	1366	49536
15-Aug-17 05:00:00	13	4	1367	49546
15-Aug-17 05:30:00	13	4	1365	49555
15-Aug-17 06:00:00	14	4	1367	49565
15-Aug-17 06:30:00	14	4	1366	49575
15-Aug-17 07:00:00	13	4	1366	49585
15-Aug-17 07:30:00	14	4	1366	49594
15-Aug-17 08:00:00	14	4	1368	49604
15-Aug-17 08:30:00	14	4	1365	49614
15-Aug-17 09:00:00	13	4	1368	49624
15-Aug-17 09:30:00	13	4	1369	49633
15-Aug-17 10:00:00	13	4	1365	49643
15-Aug-17 10:30:00	14	5	1366	49653
15-Aug-17 11:00:00	14	5	1368	49662
15-Aug-17 11:30:00	13	5	1365	49672
15-Aug-17 12:00:00	13	5	1367	49682
15-Aug-17 12:30:00	14	5	1367	49691
15-Aug-17 13:00:00	14	5	1368	49701
15-Aug-17 13:30:00	14	5	1366	49711
15-Aug-17 14:00:00	14	5	1367	49721
15-Aug-17 14:30:00	14	5	1368	49730
15-Aug-17 15:00:00	15	5	1366	49740
15-Aug-17 15:30:00	13	5	1368	49750
15-Aug-17 16:00:00	13	5	1365	49759
15-Aug-17 16:30:00	13	5	1366	49769
15-Aug-17 17:00:00	14	5	1367	49779
15-Aug-17 17:30:00	13	5	1366	49788
15-Aug-17 18:00:00	14	5	1367	49798
15-Aug-17 18:30:00	13	5	1365	49808
15-Aug-17 19:00:00	13	5	1364	49817
15-Aug-17 19:30:00	13	5	1367	49827
15-Aug-17 20:00:00	14	5	1367	49836
15-Aug-17 20:30:00	13	5	1365	49846
15-Aug-17 21:00:00	14	5	1366	49855
15-Aug-17 21:30:00	13	5	1366	49865

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
15-Aug-17 22:00:00	13	5	1367	49874
15-Aug-17 22:30:00	13	5	1366	49884
15-Aug-17 23:00:00	13	5	1366	49893
15-Aug-17 23:30:00	13	5	1366	49903
16-Aug-17 00:00:00	13	5	1366	49912
16-Aug-17 00:30:00	12	5	1365	49921
16-Aug-17 01:00:00	14	5	1366	49931
16-Aug-17 01:30:00	13	5	1366	49940
16-Aug-17 02:00:00	13	5	1366	49949
16-Aug-17 02:30:00	13	5	1366	49959
16-Aug-17 03:00:00	12	5	1367	49968
16-Aug-17 03:30:00	13	5	1364	49978
16-Aug-17 04:00:00	12	5	1367	49987
16-Aug-17 04:30:00	14	5	1364	49996
16-Aug-17 05:00:00	12	5	1365	50005
16-Aug-17 05:30:00	13	5	1367	50014
16-Aug-17 06:00:00	13	5	1368	50024
16-Aug-17 06:30:00	13	5	1366	50033
16-Aug-17 07:00:00	13	5	1367	50042
16-Aug-17 07:30:00	13	5	1368	50051
16-Aug-17 08:00:00	13	5	1365	50060
16-Aug-17 08:30:00	13	5	1366	50069
16-Aug-17 09:00:00	12	5	1366	50078
16-Aug-17 09:30:00	13	5	1366	50087
16-Aug-17 10:00:00	12	5	1366	50096
16-Aug-17 10:30:00	13	5	1366	50105
16-Aug-17 11:00:00	13	5	1365	50115
16-Aug-17 11:30:00	13	5	1365	50124
16-Aug-17 12:00:00	0	5	1304	50131
16-Aug-17 12:30:00	14	5	1366	50141
16-Aug-17 13:00:00	14	5	1363	50151
16-Aug-17 13:30:00	13	5	1368	50161
16-Aug-17 14:00:00	13	5	1366	50171
16-Aug-17 14:30:00	13	5	1366	50180
16-Aug-17 15:00:00	13	5	1366	50190
16-Aug-17 15:30:00	14	5	1365	50200
16-Aug-17 16:00:00	13	5	1367	50210
16-Aug-17 16:30:00	14	5	1366	50219
16-Aug-17 17:00:00	13	5	1367	50229
16-Aug-17 17:30:00	13	5	1366	50238
16-Aug-17 18:00:00	13	5	1367	50248
16-Aug-17 18:30:00	13	5	1366	50257
16-Aug-17 19:00:00	13	5	1366	50266
16-Aug-17 19:30:00	12	5	1366	50275
16-Aug-17 20:00:00	13	5	1367	50284

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
16-Aug-17 20:30:00	13	5	1367	50293
16-Aug-17 21:00:00	13	5	1367	50302
16-Aug-17 21:30:00	12	5	1367	50311
16-Aug-17 22:00:00	13	5	1367	50320
16-Aug-17 22:30:00	12	5	1365	50329
16-Aug-17 23:00:00	12	5	1367	50337
16-Aug-17 23:30:00	13	5	1366	50346
17-Aug-17 00:00:00	12	5	1366	50355
17-Aug-17 00:30:00	12	5	1366	50363
17-Aug-17 01:00:00	12	5	1366	50372
17-Aug-17 01:30:00	12	5	1366	50380
17-Aug-17 02:00:00	13	5	1366	50389
17-Aug-17 02:30:00	12	5	1366	50397
17-Aug-17 03:00:00	12	5	1368	50406
17-Aug-17 03:30:00	12	5	1368	50414
17-Aug-17 04:00:00	12	5	1366	50422
17-Aug-17 04:30:00	12	5	1368	50430
17-Aug-17 05:00:00	11	5	1367	50439
17-Aug-17 05:30:00	12	5	1369	50447
17-Aug-17 06:00:00	11	5	1367	50455
17-Aug-17 06:30:00	2	5	1366	50462
17-Aug-17 07:00:00	10	5	1367	50470
17-Aug-17 07:30:00	13	5	1377	50479
17-Aug-17 08:00:00	13	5	1376	50489
17-Aug-17 08:30:00	14	5	1378	50498
17-Aug-17 09:00:00	13	5	1376	50508
17-Aug-17 09:30:00	12	5	1374	50517
17-Aug-17 10:00:00	12	5	1378	50525
17-Aug-17 10:30:00	11	5	1376	50534
17-Aug-17 11:00:00	15	5	1386	50544
17-Aug-17 11:30:00	15	5	1386	50554
17-Aug-17 12:00:00	13	5	1386	50564
17-Aug-17 12:30:00	14	5	1386	50574
17-Aug-17 13:00:00	14	5	1386	50583
17-Aug-17 13:30:00	14	5	1385	50592
17-Aug-17 14:00:00	13	5	1383	50602
17-Aug-17 14:30:00	13	5	1386	50611
17-Aug-17 15:00:00	14	5	1383	50621
17-Aug-17 15:30:00	15	5	1386	50631
17-Aug-17 16:00:00	14	5	1386	50641
17-Aug-17 16:30:00	14	5	1386	50651
17-Aug-17 17:00:00	13	5	1386	50661
17-Aug-17 17:30:00	14	5	1386	50671
17-Aug-17 18:00:00	14	5	1386	50681
17-Aug-17 18:30:00	14	5	1385	50691

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
17-Aug-17 19:00:00	13	5	1383	50700
17-Aug-17 19:30:00	14	5	1387	50710
17-Aug-17 20:00:00	13	5	1386	50719
17-Aug-17 20:30:00	13	5	1385	50728
17-Aug-17 21:00:00	13	5	1388	50737
17-Aug-17 21:30:00	13	5	1386	50747
17-Aug-17 22:00:00	13	5	1387	50756
17-Aug-17 22:30:00	12	5	1386	50765
17-Aug-17 23:00:00	14	5	1388	50774
17-Aug-17 23:30:00	12	5	1386	50783
18-Aug-17 00:00:00	13	5	1384	50791
18-Aug-17 00:30:00	13	5	1386	50800
18-Aug-17 01:00:00	13	5	1385	50809
18-Aug-17 01:30:00	12	5	1387	50817
18-Aug-17 02:00:00	13	5	1386	50826
18-Aug-17 02:30:00	11	5	1385	50834
18-Aug-17 03:00:00	11	5	1386	50842
18-Aug-17 03:30:00	12	5	1387	50851
18-Aug-17 04:00:00	11	5	1387	50859
18-Aug-17 04:30:00	11	5	1386	50867
18-Aug-17 05:00:00	11	5	1386	50875
18-Aug-17 05:30:00	11	5	1386	50883
18-Aug-17 06:00:00	11	5	1387	50890
18-Aug-17 06:30:00	11	5	1386	50898
18-Aug-17 07:00:00	12	5	1386	50906
18-Aug-17 07:30:00	12	5	1387	50914
18-Aug-17 08:00:00	1	5	1386	50922
18-Aug-17 08:30:00	12	5	1386	50929
18-Aug-17 09:00:00	11	5	1386	50937
18-Aug-17 09:30:00	11	5	1386	50945
18-Aug-17 10:00:00	12	5	1384	50953
18-Aug-17 10:30:00	11	5	1386	50961
18-Aug-17 11:00:00	11	5	1386	50969
18-Aug-17 11:30:00	9	5	1383	50977
18-Aug-17 12:00:00	11	5	1388	50984
18-Aug-17 12:30:00	11	5	1386	50991
18-Aug-17 13:00:00	0	6	1290	50993
18-Aug-17 13:30:00	0	6	1266	50993
18-Aug-17 14:00:00	0	7	1254	50993
18-Aug-17 14:30:00	0	8	1244	50993
18-Aug-17 15:00:00	0	9	1237	50993
18-Aug-17 15:30:00	0	9	1230	50993
18-Aug-17 16:00:00	0	10	1225	50993
18-Aug-17 16:30:00	0	10	1220	50993
18-Aug-17 17:00:00	0	11	1215	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
18-Aug-17 17:30:00	0	11	1211	50993
18-Aug-17 18:00:00	0	12	1208	50993
18-Aug-17 18:30:00	0	12	1204	50993
18-Aug-17 19:00:00	0	13	1200	50993
18-Aug-17 19:30:00	0	13	1197	50993
18-Aug-17 20:00:00	0	13	1194	50993
18-Aug-17 20:30:00	0	14	1191	50993
18-Aug-17 21:00:00	0	14	1189	50993
18-Aug-17 21:30:00	0	14	1186	50993
18-Aug-17 22:00:00	0	15	1183	50993
18-Aug-17 22:30:00	0	15	1181	50993
18-Aug-17 23:00:00	0	15	1179	50993
18-Aug-17 23:30:00	0	15	1176	50993
19-Aug-17 00:00:00	0	16	1174	50993
19-Aug-17 00:30:00	0	16	1172	50993
19-Aug-17 01:00:00	0	16	1170	50993
19-Aug-17 01:30:00	0	16	1168	50993
19-Aug-17 02:00:00	0	17	1166	50993
19-Aug-17 02:30:00	0	17	1164	50993
19-Aug-17 03:00:00	0	17	1162	50993
19-Aug-17 03:30:00	0	17	1161	50993
19-Aug-17 04:00:00	0	17	1159	50993
19-Aug-17 04:30:00	0	18	1157	50993
19-Aug-17 05:00:00	0	18	1155	50993
19-Aug-17 05:30:00	0	18	1154	50993
19-Aug-17 06:00:00	0	18	1152	50993
19-Aug-17 06:30:00	0	18	1151	50993
19-Aug-17 07:00:00	0	18	1149	50993
19-Aug-17 07:30:00	0	19	1148	50993
19-Aug-17 08:00:00	0	19	1146	50993
19-Aug-17 08:30:00	0	19	1144	50993
19-Aug-17 09:00:00	0	19	1143	50993
19-Aug-17 09:30:00	0	19	1141	50993
19-Aug-17 10:00:00	0	20	1140	50993
19-Aug-17 10:30:00	0	20	1139	50993
19-Aug-17 11:00:00	0	20	1137	50993
19-Aug-17 11:30:00	0	20	1136	50993
19-Aug-17 12:00:00	0	20	1135	50993
19-Aug-17 12:30:00	0	21	1133	50993
19-Aug-17 13:00:00	0	21	1132	50993
19-Aug-17 13:30:00	0	21	1131	50993
19-Aug-17 14:00:00	0	21	1130	50993
19-Aug-17 14:30:00	0	22	1128	50993
19-Aug-17 15:00:00	0	22	1128	50993
19-Aug-17 15:30:00	0	22	1126	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
19-Aug-17 16:00:00	0	22	1125	50993
19-Aug-17 16:30:00	0	22	1124	50993
19-Aug-17 17:00:00	0	22	1123	50993
19-Aug-17 17:30:00	0	23	1122	50993
19-Aug-17 18:00:00	0	23	1121	50993
19-Aug-17 18:30:00	0	23	1120	50993
19-Aug-17 19:00:00	0	23	1119	50993
19-Aug-17 19:30:00	0	23	1118	50993
19-Aug-17 20:00:00	0	23	1116	50993
19-Aug-17 20:30:00	0	23	1116	50993
19-Aug-17 21:00:00	0	24	1115	50993
19-Aug-17 21:30:00	0	24	1114	50993
19-Aug-17 22:00:00	0	24	1113	50993
19-Aug-17 22:30:00	0	24	1112	50993
19-Aug-17 23:00:00	0	24	1111	50993
19-Aug-17 23:30:00	0	24	1110	50993
20-Aug-17 00:00:00	0	24	1108	50993
20-Aug-17 00:30:00	0	24	1108	50993
20-Aug-17 01:00:00	0	25	1107	50993
20-Aug-17 01:30:00	0	25	1106	50993
20-Aug-17 02:00:00	0	25	1105	50993
20-Aug-17 02:30:00	0	25	1104	50993
20-Aug-17 03:00:00	0	25	1103	50993
20-Aug-17 03:30:00	0	25	1102	50993
20-Aug-17 04:00:00	0	25	1101	50993
20-Aug-17 04:30:00	0	25	1100	50993
20-Aug-17 05:00:00	0	25	1099	50993
20-Aug-17 05:30:00	0	26	1099	50993
20-Aug-17 06:00:00	0	26	1098	50993
20-Aug-17 06:30:00	0	26	1097	50993
20-Aug-17 07:00:00	0	26	1096	50993
20-Aug-17 07:30:00	0	26	1095	50993
20-Aug-17 08:00:00	0	26	1094	50993
20-Aug-17 08:30:00	0	26	1094	50993
20-Aug-17 09:00:00	0	26	1093	50993
20-Aug-17 09:30:00	0	26	1092	50993
20-Aug-17 10:00:00	0	27	1091	50993
20-Aug-17 10:30:00	0	27	1090	50993
20-Aug-17 11:00:00	0	27	1089	50993
20-Aug-17 11:30:00	0	27	1088	50993
20-Aug-17 12:00:00	0	27	1088	50993
20-Aug-17 12:30:00	0	27	1087	50993
20-Aug-17 13:00:00	0	27	1086	50993
20-Aug-17 13:30:00	0	28	1085	50993
20-Aug-17 14:00:00	0	28	1085	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
20-Aug-17 14:30:00	0	28	1084	50993
20-Aug-17 15:00:00	0	28	1083	50993
20-Aug-17 15:30:00	0	28	1083	50993
20-Aug-17 16:00:00	0	28	1082	50993
20-Aug-17 16:30:00	0	28	1080	50993
20-Aug-17 17:00:00	0	28	1079	50993
20-Aug-17 17:30:00	0	28	1080	50993
20-Aug-17 18:00:00	0	29	1079	50993
20-Aug-17 18:30:00	0	29	1078	50993
20-Aug-17 19:00:00	0	29	1078	50993
20-Aug-17 19:30:00	0	29	1077	50993
20-Aug-17 20:00:00	0	29	1076	50993
20-Aug-17 20:30:00	0	29	1075	50993
20-Aug-17 21:00:00	0	29	1075	50993
20-Aug-17 21:30:00	0	29	1074	50993
20-Aug-17 22:00:00	0	29	1073	50993
20-Aug-17 22:30:00	0	29	1073	50993
20-Aug-17 23:00:00	0	29	1072	50993
20-Aug-17 23:30:00	0	29	1071	50993
21-Aug-17 00:00:00	0	29	1070	50993
21-Aug-17 00:30:00	0	29	1070	50993
21-Aug-17 01:00:00	0	29	1069	50993
21-Aug-17 01:30:00	0	30	1068	50993
21-Aug-17 02:00:00	0	30	1068	50993
21-Aug-17 02:30:00	0	30	1067	50993
21-Aug-17 03:00:00	0	30	1066	50993
21-Aug-17 03:30:00	0	30	1066	50993
21-Aug-17 04:00:00	0	30	1065	50993
21-Aug-17 04:30:00	0	30	1065	50993
21-Aug-17 05:00:00	0	30	1064	50993
21-Aug-17 05:30:00	0	30	1063	50993
21-Aug-17 06:00:00	0	30	1063	50993
21-Aug-17 06:30:00	0	30	1062	50993
21-Aug-17 07:00:00	0	30	1061	50993
21-Aug-17 07:30:00	0	31	1061	50993
21-Aug-17 08:00:00	0	31	1060	50993
21-Aug-17 08:30:00	0	31	1060	50993
21-Aug-17 09:00:00	0	31	1059	50993
21-Aug-17 09:30:00	0	31	1058	50993
21-Aug-17 10:00:00	0	31	1057	50993
21-Aug-17 10:30:00	0	31	1057	50993
21-Aug-17 11:00:00	0	31	1056	50993
21-Aug-17 11:30:00	0	32	1055	50993
21-Aug-17 12:00:00	0	32	1055	50993
21-Aug-17 12:30:00	0	32	1055	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
21-Aug-17 13:00:00	0	32	1054	50993
21-Aug-17 13:30:00	0	32	1053	50993
21-Aug-17 14:00:00	0	32	1053	50993
21-Aug-17 14:30:00	0	32	1052	50993
21-Aug-17 15:00:00	0	32	1052	50993
21-Aug-17 15:30:00	0	32	1051	50993
21-Aug-17 16:00:00	0	33	1050	50993
21-Aug-17 16:30:00	0	33	1050	50993
21-Aug-17 17:00:00	0	33	1050	50993
21-Aug-17 17:30:00	0	33	1049	50993
21-Aug-17 18:00:00	0	33	1048	50993
21-Aug-17 18:30:00	0	33	1047	50993
21-Aug-17 19:00:00	0	33	1047	50993
21-Aug-17 19:30:00	0	33	1047	50993
21-Aug-17 20:00:00	0	33	1046	50993
21-Aug-17 20:30:00	0	33	1046	50993
21-Aug-17 21:00:00	0	33	1045	50993
21-Aug-17 21:30:00	0	34	1045	50993
21-Aug-17 22:00:00	0	34	1044	50993
21-Aug-17 22:30:00	0	34	1044	50993
21-Aug-17 23:00:00	0	34	1043	50993
21-Aug-17 23:30:00	0	34	1043	50993
22-Aug-17 00:00:00	0	34	1042	50993
22-Aug-17 00:30:00	0	34	1041	50993
22-Aug-17 01:00:00	0	34	1041	50993
22-Aug-17 01:30:00	0	34	1040	50993
22-Aug-17 02:00:00	0	34	1040	50993
22-Aug-17 02:30:00	0	34	1039	50993
22-Aug-17 03:00:00	0	34	1039	50993
22-Aug-17 03:30:00	0	34	1038	50993
22-Aug-17 04:00:00	0	34	1038	50993
22-Aug-17 04:30:00	0	34	1037	50993
22-Aug-17 05:00:00	0	34	1037	50993
22-Aug-17 05:30:00	0	34	1036	50993
22-Aug-17 06:00:00	0	35	1036	50993
22-Aug-17 06:30:00	0	35	1035	50993
22-Aug-17 07:00:00	0	35	1035	50993
22-Aug-17 07:30:00	0	35	1035	50993
22-Aug-17 08:00:00	0	35	1033	50993
22-Aug-17 08:30:00	0	35	1033	50993
22-Aug-17 09:00:00	0	35	1033	50993
22-Aug-17 09:30:00	0	35	1032	50993
22-Aug-17 10:00:00	0	35	1032	50993
22-Aug-17 10:30:00	0	35	1031	50993
22-Aug-17 11:00:00	0	35	1031	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
22-Aug-17 11:30:00	0	36	1030	50993
22-Aug-17 12:00:00	0	36	1029	50993
22-Aug-17 12:30:00	0	36	1029	50993
22-Aug-17 13:00:00	0	36	1028	50993
22-Aug-17 13:30:00	0	36	1028	50993
22-Aug-17 14:00:00	0	36	1028	50993
22-Aug-17 14:30:00	0	36	1027	50993
22-Aug-17 15:00:00	0	36	1026	50993
22-Aug-17 15:30:00	0	37	1026	50993
22-Aug-17 16:00:00	0	37	1026	50993
22-Aug-17 16:30:00	0	37	1025	50993
22-Aug-17 17:00:00	0	37	1025	50993
22-Aug-17 17:30:00	0	37	1025	50993
22-Aug-17 18:00:00	0	37	1024	50993
22-Aug-17 18:30:00	0	37	1024	50993
22-Aug-17 19:00:00	0	37	1023	50993
22-Aug-17 19:30:00	0	37	1023	50993
22-Aug-17 20:00:00	0	37	1022	50993
22-Aug-17 20:30:00	0	37	1022	50993
22-Aug-17 21:00:00	0	38	1022	50993
22-Aug-17 21:30:00	0	38	1021	50993
22-Aug-17 22:00:00	0	38	1021	50993
22-Aug-17 22:30:00	0	38	1020	50993
22-Aug-17 23:00:00	0	38	1020	50993
22-Aug-17 23:30:00	0	38	1019	50993
23-Aug-17 00:00:00	0	38	1019	50993
23-Aug-17 00:30:00	0	38	1018	50993
23-Aug-17 01:00:00	0	38	1018	50993
23-Aug-17 01:30:00	0	38	1017	50993
23-Aug-17 02:00:00	0	38	1017	50993
23-Aug-17 02:30:00	0	38	1016	50993
23-Aug-17 03:00:00	0	38	1016	50993
23-Aug-17 03:30:00	0	38	1016	50993
23-Aug-17 04:00:00	0	38	1015	50993
23-Aug-17 04:30:00	0	38	1015	50993
23-Aug-17 05:00:00	0	38	1014	50993
23-Aug-17 05:30:00	0	38	1014	50993
23-Aug-17 06:00:00	0	38	1013	50993
23-Aug-17 06:30:00	0	38	1013	50993
23-Aug-17 07:00:00	0	38	1013	50993
23-Aug-17 07:30:00	0	38	1012	50993
23-Aug-17 08:00:00	0	38	1012	50993
23-Aug-17 08:30:00	0	38	1011	50993
23-Aug-17 09:00:00	0	39	1011	50993
23-Aug-17 09:30:00	0	39	1010	50993

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
23-Aug-17 10:00:00	0	39	1010	50993
23-Aug-17 10:30:00	0	39	1009	50993
23-Aug-17 11:00:00	0	39	1009	50993
23-Aug-17 11:30:00	0	39	1009	50993
23-Aug-17 12:00:00	0	39	1008	50993
23-Aug-17 12:30:00	0	40	1008	50993
23-Aug-17 13:00:00	0	40	1007	50993
23-Aug-17 13:30:00	0	40	1007	50993
23-Aug-17 14:00:00	0	40	1006	50993
23-Aug-17 14:30:00	0	40	1006	50993
23-Aug-17 15:00:00	0	40	1006	50993
23-Aug-17 15:30:00	0	40	1005	50993
23-Aug-17 16:00:00	0	40	1005	50993
23-Aug-17 16:30:00	0	40	1005	50993
23-Aug-17 17:00:00	0	40	1005	50993
23-Aug-17 17:30:00	0	41	1004	50993
23-Aug-17 18:00:00	0	41	1004	50993
23-Aug-17 18:30:00	0	41	1003	50993
23-Aug-17 19:00:00	0	41	1003	50993
23-Aug-17 19:30:00	0	41	1002	50993
23-Aug-17 20:00:00	0	41	1002	50993
23-Aug-17 20:30:00	0	41	1002	50993
23-Aug-17 21:00:00	0	41	1001	50993
23-Aug-17 21:30:00	0	41	1001	50993
23-Aug-17 22:00:00	0	41	1001	50993
23-Aug-17 22:30:00	0	41	1000	50993
23-Aug-17 23:00:00	0	41	1000	50993
23-Aug-17 23:30:00	0	41	999	50993
24-Aug-17 00:00:00	0	41	999	50993
24-Aug-17 00:30:00	0	41	998	50993
24-Aug-17 01:00:00	0	41	998	50993
24-Aug-17 01:30:00	0	41	998	50993
24-Aug-17 02:00:00	0	41	997	50993
24-Aug-17 02:30:00	0	41	997	50993
24-Aug-17 03:00:00	0	41	996	50993
24-Aug-17 03:30:00	0	41	996	50993
24-Aug-17 04:00:00	0	41	996	50993
24-Aug-17 04:30:00	0	41	995	50993
24-Aug-17 05:00:00	0	41	995	50993
24-Aug-17 05:30:00	0	41	995	50993
24-Aug-17 06:00:00	0	41	994	50993
24-Aug-17 06:30:00	0	42	994	50993
24-Aug-17 07:00:00	0	42	994	50993
24-Aug-17 07:30:00	0	42	993	50993
24-Aug-17 08:00:00	19	29	1141	51006

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
24-Aug-17 08:30:00	17	20	1152	51018
24-Aug-17 09:00:00	15	16	1151	51029
24-Aug-17 09:30:00	16	14	1167	51039
24-Aug-17 10:00:00	13	12	1169	51050
24-Aug-17 10:30:00	15	11	1176	51061
24-Aug-17 11:00:00	14	10	1176	51071
24-Aug-17 11:30:00	13	9	1176	51080
24-Aug-17 12:00:00	12	9	1177	51089
24-Aug-17 12:30:00	15	9	1192	51098
24-Aug-17 13:00:00	14	8	1192	51108
24-Aug-17 13:30:00	13	8	1189	51117
24-Aug-17 14:00:00	11	8	1192	51126
24-Aug-17 14:30:00	16	7	1213	51138
24-Aug-17 15:00:00	14	7	1218	51148
24-Aug-17 15:30:00	15	7	1214	51158
24-Aug-17 16:00:00	14	7	1216	51168
24-Aug-17 16:30:00	12	6	1216	51177
24-Aug-17 17:00:00	2	6	1215	51185
24-Aug-17 17:30:00	12	6	1216	51192
24-Aug-17 18:00:00	12	6	1216	51198
24-Aug-17 18:30:00	12	6	1216	51205
24-Aug-17 19:00:00	10	6	1217	51213
24-Aug-17 19:30:00	11	6	1217	51220
24-Aug-17 20:00:00	11	6	1215	51226
24-Aug-17 20:30:00	2	7	1216	51232
24-Aug-17 21:00:00	9	7	1217	51238
24-Aug-17 21:30:00	11	7	1217	51243
24-Aug-17 22:00:00	11	7	1217	51247
24-Aug-17 22:30:00	8	7	1217	51250
24-Aug-17 23:00:00	0	7	1218	51253
24-Aug-17 23:30:00	0	7	1217	51254
25-Aug-17 00:00:00	0	7	1216	51255
25-Aug-17 00:30:00	12	7	1226	51258
25-Aug-17 01:00:00	2	7	1221	51264
25-Aug-17 01:30:00	0	6	1223	51269
25-Aug-17 02:00:00	11	6	1223	51272
25-Aug-17 02:30:00	8	6	1223	51274
25-Aug-17 03:00:00	0	6	1224	51275
25-Aug-17 03:30:00	8	6	1224	51277
25-Aug-17 04:00:00	2	6	1224	51278
25-Aug-17 04:30:00	0	6	1226	51279
25-Aug-17 05:00:00	0	6	1223	51279
25-Aug-17 05:30:00	12	6	1237	51283
25-Aug-17 06:00:00	10	6	1236	51290
25-Aug-17 06:30:00	8	6	1236	51295

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
25-Aug-17 07:00:00	8	6	1237	51298
25-Aug-17 07:30:00	14	6	1255	51308
25-Aug-17 08:00:00	12	5	1257	51317
25-Aug-17 08:30:00	12	5	1256	51326
25-Aug-17 09:00:00	13	5	1266	51336
25-Aug-17 09:30:00	14	5	1266	51346
25-Aug-17 10:00:00	16	5	1278	51355
25-Aug-17 10:30:00	15	5	1275	51366
25-Aug-17 11:00:00	15	4	1276	51377
25-Aug-17 11:30:00	15	4	1276	51387
25-Aug-17 12:00:00	13	4	1277	51397
25-Aug-17 12:30:00	14	4	1283	51407
25-Aug-17 13:00:00	15	4	1280	51417
25-Aug-17 13:30:00	14	4	1281	51428
25-Aug-17 14:00:00	13	4	1280	51437
25-Aug-17 14:30:00	13	5	1281	51447
25-Aug-17 15:00:00	13	5	1281	51457
25-Aug-17 15:30:00	15	5	1281	51466
25-Aug-17 16:00:00	13	5	1281	51476
25-Aug-17 16:30:00	15	5	1287	51485
25-Aug-17 17:00:00	13	5	1286	51495
25-Aug-17 17:30:00	14	5	1285	51505
25-Aug-17 18:00:00	12	5	1283	51514
25-Aug-17 18:30:00	12	5	1288	51524
25-Aug-17 19:00:00	12	5	1286	51533
25-Aug-17 19:30:00	12	5	1286	51542
25-Aug-17 20:00:00	13	5	1285	51551
25-Aug-17 20:30:00	13	5	1288	51561
25-Aug-17 21:00:00	13	5	1286	51570
25-Aug-17 21:30:00	13	5	1286	51579
25-Aug-17 22:00:00	13	5	1288	51588
25-Aug-17 22:30:00	14	5	1286	51597
25-Aug-17 23:00:00	13	5	1287	51606
25-Aug-17 23:30:00	13	5	1288	51615
26-Aug-17 00:00:00	11	5	1286	51624
26-Aug-17 00:30:00	13	5	1291	51633
26-Aug-17 01:00:00	13	5	1293	51642
26-Aug-17 01:30:00	13	5	1292	51651
26-Aug-17 02:00:00	12	5	1291	51660
26-Aug-17 02:30:00	12	5	1291	51669
26-Aug-17 03:00:00	13	5	1293	51678
26-Aug-17 03:30:00	12	5	1289	51687
26-Aug-17 04:00:00	14	5	1296	51697
26-Aug-17 04:30:00	13	5	1295	51706
26-Aug-17 05:00:00	13	5	1295	51715

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
26-Aug-17 05:30:00	13	5	1296	51725
26-Aug-17 06:00:00	13	5	1296	51734
26-Aug-17 06:30:00	13	5	1296	51743
26-Aug-17 07:00:00	13	5	1296	51752
26-Aug-17 07:30:00	12	4	1295	51761
26-Aug-17 08:00:00	13	4	1296	51770
26-Aug-17 08:30:00	13	4	1294	51779
26-Aug-17 09:00:00	11	5	1298	51788
26-Aug-17 09:30:00	12	5	1295	51796
26-Aug-17 10:00:00	12	5	1296	51805
26-Aug-17 10:30:00	13	5	1296	51814
26-Aug-17 11:00:00	12	5	1296	51823
26-Aug-17 11:30:00	13	5	1296	51831
26-Aug-17 12:00:00	11	5	1296	51840
26-Aug-17 12:30:00	12	5	1296	51849
26-Aug-17 13:00:00	12	5	1298	51857
26-Aug-17 13:30:00	12	5	1297	51866
26-Aug-17 14:00:00	12	5	1299	51875
26-Aug-17 14:30:00	12	5	1296	51883
26-Aug-17 15:00:00	12	5	1298	51892
26-Aug-17 15:30:00	12	5	1295	51900
26-Aug-17 16:00:00	12	5	1298	51909
26-Aug-17 16:30:00	13	5	1296	51917
26-Aug-17 17:00:00	11	5	1296	51925
26-Aug-17 17:30:00	11	5	1296	51934
26-Aug-17 18:00:00	12	5	1295	51942
26-Aug-17 18:30:00	11	5	1295	51951
26-Aug-17 19:00:00	12	5	1296	51959
26-Aug-17 19:30:00	12	5	1296	51967
26-Aug-17 20:00:00	13	5	1301	51976
26-Aug-17 20:30:00	13	5	1302	51985
26-Aug-17 21:00:00	11	5	1302	51994
26-Aug-17 21:30:00	13	5	1300	52002
26-Aug-17 22:00:00	11	5	1301	52011
26-Aug-17 22:30:00	12	5	1303	52020
26-Aug-17 23:00:00	13	5	1299	52028
26-Aug-17 23:30:00	13	5	1301	52037
27-Aug-17 00:00:00	13	5	1301	52046
27-Aug-17 00:30:00	13	5	1308	52055
27-Aug-17 01:00:00	15	5	1309	52065
27-Aug-17 01:30:00	13	5	1308	52074
27-Aug-17 02:00:00	13	5	1309	52084
27-Aug-17 02:30:00	13	5	1307	52093
27-Aug-17 03:00:00	13	5	1308	52102
27-Aug-17 03:30:00	12	5	1306	52111

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
27-Aug-17 04:00:00	11	5	1309	52120
27-Aug-17 04:30:00	12	5	1309	52129
27-Aug-17 05:00:00	13	5	1310	52138
27-Aug-17 05:30:00	13	5	1307	52147
27-Aug-17 06:00:00	12	5	1306	52156
27-Aug-17 06:30:00	12	5	1309	52165
27-Aug-17 07:00:00	12	5	1310	52174
27-Aug-17 07:30:00	12	5	1307	52183
27-Aug-17 08:00:00	12	5	1307	52192
27-Aug-17 08:30:00	12	5	1308	52200
27-Aug-17 09:00:00	12	5	1306	52209
27-Aug-17 09:30:00	13	5	1309	52218
27-Aug-17 10:00:00	12	5	1308	52226
27-Aug-17 10:30:00	12	5	1307	52235
27-Aug-17 11:00:00	13	5	1308	52243
27-Aug-17 11:30:00	12	5	1307	52252
27-Aug-17 12:00:00	11	5	1307	52260
27-Aug-17 12:30:00	12	5	1308	52269
27-Aug-17 13:00:00	11	5	1307	52277
27-Aug-17 13:30:00	13	5	1308	52286
27-Aug-17 14:00:00	11	5	1308	52294
27-Aug-17 14:30:00	12	5	1309	52302
27-Aug-17 15:00:00	12	5	1309	52311
27-Aug-17 15:30:00	12	5	1309	52319
27-Aug-17 16:00:00	11	6	1307	52327
27-Aug-17 16:30:00	12	6	1308	52336
27-Aug-17 17:00:00	12	6	1309	52344
27-Aug-17 17:30:00	12	6	1309	52352
27-Aug-17 18:00:00	12	6	1306	52360
27-Aug-17 18:30:00	11	6	1310	52369
27-Aug-17 19:00:00	11	6	1308	52377
27-Aug-17 19:30:00	11	6	1308	52385
27-Aug-17 20:00:00	11	6	1309	52393
27-Aug-17 20:30:00	10	6	1306	52401
27-Aug-17 21:00:00	10	6	1309	52408
27-Aug-17 21:30:00	11	6	1308	52416
27-Aug-17 22:00:00	12	6	1307	52424
27-Aug-17 22:30:00	10	6	1309	52431
27-Aug-17 23:00:00	11	6	1308	52439
27-Aug-17 23:30:00	10	6	1306	52446
28-Aug-17 00:00:00	11	6	1310	52453
28-Aug-17 00:30:00	11	6	1308	52460
28-Aug-17 01:00:00	10	6	1306	52467
28-Aug-17 01:30:00	11	6	1307	52475
28-Aug-17 02:00:00	11	6	1309	52483

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
28-Aug-17 02:30:00	11	6	1310	52491
28-Aug-17 03:00:00	11	6	1307	52499
28-Aug-17 03:30:00	12	6	1306	52506
28-Aug-17 04:00:00	11	6	1307	52514
28-Aug-17 04:30:00	12	6	1310	52522
28-Aug-17 05:00:00	11	6	1308	52529
28-Aug-17 05:30:00	11	6	1308	52537
28-Aug-17 06:00:00	11	6	1308	52544
28-Aug-17 06:30:00	11	6	1308	52552
28-Aug-17 07:00:00	11	6	1308	52560
28-Aug-17 07:30:00	12	6	1315	52568
28-Aug-17 08:00:00	11	6	1316	52576
28-Aug-17 08:30:00	12	5	1315	52585
28-Aug-17 09:00:00	11	5	1317	52593
28-Aug-17 09:30:00	12	5	1315	52602
28-Aug-17 10:00:00	12	5	1316	52610
28-Aug-17 10:30:00	13	5	1314	52618
28-Aug-17 11:00:00	12	5	1316	52626
28-Aug-17 11:30:00	2	6	1315	52634
28-Aug-17 12:00:00	10	6	1316	52642
28-Aug-17 12:30:00	11	6	1318	52650
28-Aug-17 13:00:00	12	6	1318	52658
28-Aug-17 13:30:00	11	6	1316	52666
28-Aug-17 14:00:00	11	6	1316	52675
28-Aug-17 14:30:00	11	6	1315	52683
28-Aug-17 15:00:00	11	6	1314	52691
28-Aug-17 15:30:00	11	6	1316	52699
28-Aug-17 16:00:00	11	6	1316	52707
28-Aug-17 16:30:00	11	6	1315	52714
28-Aug-17 17:00:00	9	6	1315	52722
28-Aug-17 17:30:00	12	6	1316	52730
28-Aug-17 18:00:00	12	6	1316	52737
28-Aug-17 18:30:00	12	6	1316	52745
28-Aug-17 19:00:00	2	6	1316	52753
28-Aug-17 19:30:00	12	6	1317	52760
28-Aug-17 20:00:00	11	6	1315	52768
28-Aug-17 20:30:00	12	6	1317	52776
28-Aug-17 21:00:00	11	6	1317	52784
28-Aug-17 21:30:00	11	6	1318	52791
28-Aug-17 22:00:00	12	6	1318	52799
28-Aug-17 22:30:00	11	6	1316	52807
28-Aug-17 23:00:00	11	6	1318	52815
28-Aug-17 23:30:00	11	6	1317	52823
29-Aug-17 00:00:00	11	6	1317	52831
29-Aug-17 00:30:00	11	6	1316	52839

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
29-Aug-17 01:00:00	11	6	1315	52847
29-Aug-17 01:30:00	12	6	1317	52855
29-Aug-17 02:00:00	10	6	1316	52863
29-Aug-17 02:30:00	12	6	1317	52871
29-Aug-17 03:00:00	11	6	1315	52878
29-Aug-17 03:30:00	11	6	1316	52885
29-Aug-17 04:00:00	2	6	1315	52893
29-Aug-17 04:30:00	11	6	1316	52900
29-Aug-17 05:00:00	11	6	1318	52907
29-Aug-17 05:30:00	12	6	1315	52915
29-Aug-17 06:00:00	10	6	1315	52922
29-Aug-17 06:30:00	10	6	1316	52929
29-Aug-17 07:00:00	2	6	1316	52937
29-Aug-17 07:30:00	11	6	1318	52944
29-Aug-17 08:00:00	12	6	1322	52952
29-Aug-17 08:30:00	11	6	1323	52960
29-Aug-17 09:00:00	11	6	1321	52968
29-Aug-17 09:30:00	11	6	1323	52976
29-Aug-17 10:00:00	12	6	1322	52984
29-Aug-17 10:30:00	12	6	1323	52992
29-Aug-17 11:00:00	12	6	1324	53000
29-Aug-17 11:30:00	13	6	1327	53008
29-Aug-17 12:00:00	11	6	1327	53017
29-Aug-17 12:30:00	11	6	1326	53025
29-Aug-17 13:00:00	11	6	1326	53033
29-Aug-17 13:30:00	12	6	1326	53041
29-Aug-17 14:00:00	14	6	1336	53050
29-Aug-17 14:30:00	13	6	1336	53060
29-Aug-17 15:00:00	16	6	1349	53070
29-Aug-17 15:30:00	15	6	1344	53081
29-Aug-17 16:00:00	15	5	1344	53092
29-Aug-17 16:30:00	15	5	1344	53103
29-Aug-17 17:00:00	15	5	1346	53113
29-Aug-17 17:30:00	15	5	1346	53124
29-Aug-17 18:00:00	15	5	1347	53134
29-Aug-17 18:30:00	14	5	1346	53145
29-Aug-17 19:00:00	15	5	1347	53155
29-Aug-17 19:30:00	14	5	1347	53165
29-Aug-17 20:00:00	14	5	1345	53175
29-Aug-17 20:30:00	14	5	1345	53185
29-Aug-17 21:00:00	14	5	1348	53194
29-Aug-17 21:30:00	14	5	1348	53204
29-Aug-17 22:00:00	14	5	1345	53214
29-Aug-17 22:30:00	14	5	1349	53224
29-Aug-17 23:00:00	13	5	1345	53234

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
29-Aug-17 23:30:00	14	5	1348	53243
30-Aug-17 00:00:00	13	5	1346	53253
30-Aug-17 00:30:00	13	5	1347	53263
30-Aug-17 01:00:00	13	5	1346	53272
30-Aug-17 01:30:00	14	5	1345	53282
30-Aug-17 02:00:00	14	5	1349	53292
30-Aug-17 02:30:00	14	5	1345	53301
30-Aug-17 03:00:00	14	5	1347	53311
30-Aug-17 03:30:00	13	5	1346	53321
30-Aug-17 04:00:00	14	5	1346	53330
30-Aug-17 04:30:00	13	5	1349	53340
30-Aug-17 05:00:00	14	5	1351	53350
30-Aug-17 05:30:00	13	5	1351	53360
30-Aug-17 06:00:00	14	5	1351	53370
30-Aug-17 06:30:00	13	5	1351	53379
30-Aug-17 07:00:00	14	5	1352	53389
30-Aug-17 07:30:00	14	5	1350	53399
30-Aug-17 08:00:00	14	5	1353	53409
30-Aug-17 08:30:00	14	5	1352	53418
30-Aug-17 09:00:00	13	5	1350	53428
30-Aug-17 09:30:00	14	5	1349	53438
30-Aug-17 10:00:00	13	5	1351	53447
30-Aug-17 10:30:00	14	5	1350	53457
30-Aug-17 11:00:00	14	5	1351	53466
30-Aug-17 11:30:00	13	5	1351	53475
30-Aug-17 12:00:00	13	5	1351	53485
30-Aug-17 12:30:00	13	5	1351	53494
30-Aug-17 13:00:00	13	5	1351	53503
30-Aug-17 13:30:00	13	5	1353	53512
30-Aug-17 14:00:00	14	5	1350	53522
30-Aug-17 14:30:00	12	5	1352	53531
30-Aug-17 15:00:00	12	5	1351	53540
30-Aug-17 15:30:00	13	6	1351	53549
30-Aug-17 16:00:00	13	6	1352	53558
30-Aug-17 16:30:00	13	6	1353	53567
30-Aug-17 17:00:00	13	6	1354	53576
30-Aug-17 17:30:00	13	6	1352	53585
30-Aug-17 18:00:00	12	6	1351	53594
30-Aug-17 18:30:00	13	6	1354	53603
30-Aug-17 19:00:00	12	6	1349	53612
30-Aug-17 19:30:00	13	6	1353	53621
30-Aug-17 20:00:00	13	6	1349	53630
30-Aug-17 20:30:00	13	6	1351	53639
30-Aug-17 21:00:00	13	6	1353	53648
30-Aug-17 21:30:00	12	6	1352	53657

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
30-Aug-17 22:00:00	14	6	1352	53665
30-Aug-17 22:30:00	12	6	1353	53674
30-Aug-17 23:00:00	13	6	1352	53683
30-Aug-17 23:30:00	14	6	1350	53692
31-Aug-17 00:00:00	12	6	1351	53701
31-Aug-17 00:30:00	13	6	1353	53710
31-Aug-17 01:00:00	14	6	1353	53719
31-Aug-17 01:30:00	12	6	1351	53728
31-Aug-17 02:00:00	12	6	1353	53736
31-Aug-17 02:30:00	13	6	1352	53745
31-Aug-17 03:00:00	12	6	1351	53754
31-Aug-17 03:30:00	12	6	1351	53763
31-Aug-17 04:00:00	12	6	1352	53772
31-Aug-17 04:30:00	14	6	1351	53781
31-Aug-17 05:00:00	12	6	1350	53790
31-Aug-17 05:30:00	12	6	1349	53798
31-Aug-17 06:00:00	13	6	1349	53807
31-Aug-17 06:30:00	12	6	1350	53816
31-Aug-17 07:00:00	12	6	1354	53825
31-Aug-17 07:30:00	13	6	1352	53834
31-Aug-17 08:00:00	13	6	1352	53842
31-Aug-17 08:30:00	13	6	1354	53851
31-Aug-17 09:00:00	11	6	1351	53860
31-Aug-17 09:30:00	13	6	1350	53869
31-Aug-17 10:00:00	12	6	1352	53878
31-Aug-17 10:30:00	13	6	1351	53887
31-Aug-17 11:00:00	13	6	1349	53895
31-Aug-17 11:30:00	12	6	1352	53904
31-Aug-17 12:00:00	12	6	1350	53913
31-Aug-17 12:30:00	12	6	1352	53922
31-Aug-17 13:00:00	12	6	1349	53930
31-Aug-17 13:30:00	12	6	1352	53939
31-Aug-17 14:00:00	13	6	1352	53948
31-Aug-17 14:30:00	11	6	1354	53956
31-Aug-17 15:00:00	12	6	1350	53965
31-Aug-17 15:30:00	13	6	1352	53974
31-Aug-17 16:00:00	12	6	1353	53982
31-Aug-17 16:30:00	12	6	1351	53991
31-Aug-17 17:00:00	11	6	1352	53999
31-Aug-17 17:30:00	12	6	1354	54008
31-Aug-17 18:00:00	13	6	1352	54017
31-Aug-17 18:30:00	12	6	1354	54025
31-Aug-17 19:00:00	12	6	1354	54034
31-Aug-17 19:30:00	11	6	1351	54043
31-Aug-17 20:00:00	12	6	1353	54051

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
31-Aug-17 20:30:00	12	6	1352	54060
31-Aug-17 21:00:00	12	6	1352	54068
31-Aug-17 21:30:00	12	6	1352	54077
31-Aug-17 22:00:00	11	6	1353	54085
31-Aug-17 22:30:00	12	6	1351	54094
31-Aug-17 23:00:00	13	6	1353	54103
31-Aug-17 23:30:00	10	6	1351	54111
01-Sep-17 00:00:00	11	6	1353	54120
01-Sep-17 00:30:00	12	6	1354	54128
01-Sep-17 01:00:00	13	6	1353	54137
01-Sep-17 01:30:00	11	6	1354	54146
01-Sep-17 02:00:00	12	6	1352	54154
01-Sep-17 02:30:00	12	6	1352	54162
01-Sep-17 03:00:00	11	6	1351	54171
01-Sep-17 03:30:00	11	6	1352	54179
01-Sep-17 04:00:00	11	6	1349	54188
01-Sep-17 04:30:00	12	6	1358	54196
01-Sep-17 05:00:00	13	6	1355	54205
01-Sep-17 05:30:00	12	6	1356	54214
01-Sep-17 06:00:00	12	6	1356	54222
01-Sep-17 06:30:00	12	6	1356	54231
01-Sep-17 07:00:00	12	6	1356	54240
01-Sep-17 07:30:00	12	6	1356	54248
01-Sep-17 08:00:00	12	6	1356	54257
01-Sep-17 08:30:00	13	6	1356	54266
01-Sep-17 09:00:00	12	6	1356	54275
01-Sep-17 09:30:00	12	6	1355	54283
01-Sep-17 10:00:00	12	6	1355	54292
01-Sep-17 10:30:00	12	6	1356	54301
01-Sep-17 11:00:00	13	6	1354	54310
01-Sep-17 11:30:00	12	6	1355	54318
01-Sep-17 12:00:00	12	6	1357	54327
01-Sep-17 12:30:00	11	6	1355	54336
01-Sep-17 13:00:00	12	6	1356	54344
01-Sep-17 13:30:00	12	6	1355	54353
01-Sep-17 14:00:00	12	6	1357	54362
01-Sep-17 14:30:00	13	6	1355	54370
01-Sep-17 15:00:00	12	6	1356	54379
01-Sep-17 15:30:00	12	6	1355	54388
01-Sep-17 16:00:00	12	6	1355	54396
01-Sep-17 16:30:00	12	6	1356	54405
01-Sep-17 17:00:00	12	6	1358	54413
01-Sep-17 17:30:00	11	6	1355	54422
01-Sep-17 18:00:00	11	7	1357	54430
01-Sep-17 18:30:00	12	7	1356	54439

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
01-Sep-17 19:00:00	11	7	1355	54448
01-Sep-17 19:30:00	11	7	1358	54456
01-Sep-17 20:00:00	13	7	1359	54465
01-Sep-17 20:30:00	13	7	1356	54473
01-Sep-17 21:00:00	11	7	1359	54482
01-Sep-17 21:30:00	12	7	1355	54491
01-Sep-17 22:00:00	11	7	1357	54500
01-Sep-17 22:30:00	12	6	1358	54509
01-Sep-17 23:00:00	13	6	1355	54517
01-Sep-17 23:30:00	12	6	1354	54526
02-Sep-17 00:00:00	13	6	1356	54535
02-Sep-17 00:30:00	12	6	1357	54544
02-Sep-17 01:00:00	12	6	1356	54552
02-Sep-17 01:30:00	11	6	1357	54561
02-Sep-17 02:00:00	12	6	1358	54570
02-Sep-17 02:30:00	11	6	1358	54579
02-Sep-17 03:00:00	12	6	1357	54587
02-Sep-17 03:30:00	12	6	1355	54596
02-Sep-17 04:00:00	12	6	1355	54605
02-Sep-17 04:30:00	12	6	1357	54613
02-Sep-17 05:00:00	12	6	1357	54622
02-Sep-17 05:30:00	12	6	1356	54631
02-Sep-17 06:00:00	12	6	1355	54639
02-Sep-17 06:30:00	12	6	1358	54648
02-Sep-17 07:00:00	12	6	1355	54656
02-Sep-17 07:30:00	12	6	1355	54665
02-Sep-17 08:00:00	12	6	1357	54673
02-Sep-17 08:30:00	13	6	1357	54682
02-Sep-17 09:00:00	12	6	1355	54690
02-Sep-17 09:30:00	12	6	1355	54699
02-Sep-17 10:00:00	12	6	1355	54707
02-Sep-17 10:30:00	12	6	1356	54716
02-Sep-17 11:00:00	12	6	1356	54724
02-Sep-17 11:30:00	12	6	1355	54733
02-Sep-17 12:00:00	12	6	1357	54741
02-Sep-17 12:30:00	12	6	1356	54750
02-Sep-17 13:00:00	12	6	1357	54758
02-Sep-17 13:30:00	12	6	1356	54767
02-Sep-17 14:00:00	12	6	1355	54775
02-Sep-17 14:30:00	12	7	1358	54784
02-Sep-17 15:00:00	13	7	1355	54792
02-Sep-17 15:30:00	12	7	1355	54800
02-Sep-17 16:00:00	11	7	1355	54809
02-Sep-17 16:30:00	12	7	1355	54817
02-Sep-17 17:00:00	12	7	1358	54826

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
02-Sep-17 17:30:00	12	7	1356	54834
02-Sep-17 18:00:00	11	7	1357	54842
02-Sep-17 18:30:00	13	7	1357	54851
02-Sep-17 19:00:00	12	7	1357	54859
02-Sep-17 19:30:00	12	7	1358	54867
02-Sep-17 20:00:00	13	7	1355	54876
02-Sep-17 20:30:00	11	7	1357	54884
02-Sep-17 21:00:00	11	7	1358	54892
02-Sep-17 21:30:00	13	7	1357	54900
02-Sep-17 22:00:00	12	7	1358	54908
02-Sep-17 22:30:00	11	7	1356	54917
02-Sep-17 23:00:00	11	7	1355	54925
02-Sep-17 23:30:00	12	7	1356	54933
03-Sep-17 00:00:00	11	7	1357	54942
03-Sep-17 00:30:00	11	7	1355	54950
03-Sep-17 01:00:00	11	7	1356	54958
03-Sep-17 01:30:00	11	7	1356	54966
03-Sep-17 02:00:00	12	7	1358	54974
03-Sep-17 02:30:00	12	7	1357	54983
03-Sep-17 03:00:00	11	7	1356	54991
03-Sep-17 03:30:00	12	7	1356	54999
03-Sep-17 04:00:00	11	7	1355	55007
03-Sep-17 04:30:00	11	7	1356	55015
03-Sep-17 05:00:00	12	7	1357	55023
03-Sep-17 05:30:00	11	7	1358	55031
03-Sep-17 06:00:00	12	7	1356	55039
03-Sep-17 06:30:00	11	7	1356	55047
03-Sep-17 07:00:00	11	6	1356	55055
03-Sep-17 07:30:00	11	6	1356	55063
03-Sep-17 08:00:00	11	6	1355	55071
03-Sep-17 08:30:00	11	6	1354	55079
03-Sep-17 09:00:00	11	6	1358	55087
03-Sep-17 09:30:00	12	6	1357	55095
03-Sep-17 10:00:00	11	6	1355	55103
03-Sep-17 10:30:00	12	6	1356	55111
03-Sep-17 11:00:00	11	6	1354	55119
03-Sep-17 11:30:00	11	7	1355	55128
03-Sep-17 12:00:00	11	7	1355	55136
03-Sep-17 12:30:00	12	7	1355	55144
03-Sep-17 13:00:00	11	7	1356	55152
03-Sep-17 13:30:00	11	7	1358	55160
03-Sep-17 14:00:00	12	7	1356	55168
03-Sep-17 14:30:00	12	7	1355	55176
03-Sep-17 15:00:00	12	7	1356	55185
03-Sep-17 15:30:00	12	7	1356	55193

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
03-Sep-17 16:00:00	12	7	1357	55201
03-Sep-17 16:30:00	11	7	1358	55209
03-Sep-17 17:00:00	11	7	1356	55217
03-Sep-17 17:30:00	12	7	1358	55225
03-Sep-17 18:00:00	12	7	1355	55234
03-Sep-17 18:30:00	11	7	1357	55242
03-Sep-17 19:00:00	11	7	1356	55250
03-Sep-17 19:30:00	12	7	1358	55258
03-Sep-17 20:00:00	11	7	1356	55266
03-Sep-17 20:30:00	12	7	1359	55274
03-Sep-17 21:00:00	11	7	1354	55282
03-Sep-17 21:30:00	12	7	1358	55290
03-Sep-17 22:00:00	11	7	1355	55298
03-Sep-17 22:30:00	12	7	1354	55306
03-Sep-17 23:00:00	11	7	1356	55314
03-Sep-17 23:30:00	12	7	1358	55322
04-Sep-17 00:00:00	12	7	1357	55330
04-Sep-17 00:30:00	11	7	1354	55338
04-Sep-17 01:00:00	12	7	1359	55346
04-Sep-17 01:30:00	11	7	1357	55354
04-Sep-17 02:00:00	10	7	1357	55362
04-Sep-17 02:30:00	11	7	1357	55370
04-Sep-17 03:00:00	12	7	1357	55378
04-Sep-17 03:30:00	12	7	1355	55385
04-Sep-17 04:00:00	11	7	1356	55393
04-Sep-17 04:30:00	11	7	1355	55401
04-Sep-17 05:00:00	11	7	1357	55408
04-Sep-17 05:30:00	10	7	1357	55416
04-Sep-17 06:00:00	10	7	1358	55424
04-Sep-17 06:30:00	11	7	1355	55431
04-Sep-17 07:00:00	11	7	1357	55439
04-Sep-17 07:30:00	11	7	1354	55447
04-Sep-17 08:00:00	12	7	1358	55455
04-Sep-17 08:30:00	10	7	1356	55463
04-Sep-17 09:00:00	11	7	1354	55470
04-Sep-17 09:30:00	11	7	1358	55478
04-Sep-17 10:00:00	11	7	1354	55486
04-Sep-17 10:30:00	11	7	1357	55494
04-Sep-17 11:00:00	11	7	1358	55502
04-Sep-17 11:30:00	12	7	1354	55510
04-Sep-17 12:00:00	11	7	1357	55518
04-Sep-17 12:30:00	12	7	1357	55526
04-Sep-17 13:00:00	12	7	1357	55534
04-Sep-17 13:30:00	11	7	1356	55542
04-Sep-17 14:00:00	11	7	1357	55550

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
04-Sep-17 14:30:00	11	7	1355	55557
04-Sep-17 15:00:00	12	7	1360	55566
04-Sep-17 15:30:00	12	7	1359	55574
04-Sep-17 16:00:00	12	8	1359	55582
04-Sep-17 16:30:00	11	7	1357	55590
04-Sep-17 17:00:00	13	8	1360	55598
04-Sep-17 17:30:00	11	7	1361	55606
04-Sep-17 18:00:00	11	7	1359	55615
04-Sep-17 18:30:00	11	7	1359	55623
04-Sep-17 19:00:00	12	7	1361	55631
04-Sep-17 19:30:00	12	7	1361	55639
04-Sep-17 20:00:00	11	7	1361	55647
04-Sep-17 20:30:00	10	7	1359	55655
04-Sep-17 21:00:00	11	7	1362	55663
04-Sep-17 21:30:00	11	7	1360	55671
04-Sep-17 22:00:00	12	7	1362	55679
04-Sep-17 22:30:00	11	7	1361	55687
04-Sep-17 23:00:00	12	7	1359	55695
04-Sep-17 23:30:00	12	7	1360	55703
05-Sep-17 00:00:00	10	7	1359	55710
05-Sep-17 00:30:00	11	7	1359	55718
05-Sep-17 01:00:00	11	7	1359	55726
05-Sep-17 01:30:00	11	7	1359	55734
05-Sep-17 02:00:00	10	7	1362	55742
05-Sep-17 02:30:00	11	7	1360	55750
05-Sep-17 03:00:00	11	7	1359	55758
05-Sep-17 03:30:00	11	7	1359	55766
05-Sep-17 04:00:00	10	7	1361	55774
05-Sep-17 04:30:00	11	7	1359	55782
05-Sep-17 05:00:00	11	7	1361	55790
05-Sep-17 05:30:00	12	7	1360	55798
05-Sep-17 06:00:00	11	7	1359	55806
05-Sep-17 06:30:00	11	7	1359	55814
05-Sep-17 07:00:00	11	7	1359	55822
05-Sep-17 07:30:00	13	7	1368	55830
05-Sep-17 08:00:00	12	7	1366	55839
05-Sep-17 08:30:00	12	7	1366	55848
05-Sep-17 09:00:00	13	7	1366	55856
05-Sep-17 09:30:00	12	7	1366	55865
05-Sep-17 10:00:00	12	7	1367	55873
05-Sep-17 10:30:00	12	7	1366	55882
05-Sep-17 11:00:00	12	7	1367	55890
05-Sep-17 11:30:00	12	7	1364	55899
05-Sep-17 12:00:00	12	7	1368	55908
05-Sep-17 12:30:00	12	7	1366	55916

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
05-Sep-17 13:00:00	11	7	1364	55925
05-Sep-17 13:30:00	12	7	1365	55934
05-Sep-17 14:00:00	13	7	1365	55942
05-Sep-17 14:30:00	12	7	1366	55951
05-Sep-17 15:00:00	12	7	1367	55960
05-Sep-17 15:30:00	13	7	1366	55968
05-Sep-17 16:00:00	13	7	1367	55977
05-Sep-17 16:30:00	12	7	1366	55986
05-Sep-17 17:00:00	12	7	1366	55994
05-Sep-17 17:30:00	13	7	1367	56003
05-Sep-17 18:00:00	12	7	1368	56012
05-Sep-17 18:30:00	12	7	1364	56021
05-Sep-17 19:00:00	11	7	1368	56029
05-Sep-17 19:30:00	12	7	1367	56038
05-Sep-17 20:00:00	12	7	1366	56047
05-Sep-17 20:30:00	13	7	1370	56055
05-Sep-17 21:00:00	13	7	1368	56064
05-Sep-17 21:30:00	11	7	1368	56072
05-Sep-17 22:00:00	11	7	1366	56080
05-Sep-17 22:30:00	11	7	1364	56088
05-Sep-17 23:00:00	11	7	1369	56096
05-Sep-17 23:30:00	11	7	1367	56104
06-Sep-17 00:00:00	11	7	1368	56112
06-Sep-17 00:30:00	11	7	1366	56120
06-Sep-17 01:00:00	12	7	1366	56128
06-Sep-17 01:30:00	11	7	1367	56135
06-Sep-17 02:00:00	11	7	1365	56143
06-Sep-17 02:30:00	11	7	1367	56151
06-Sep-17 03:00:00	12	7	1367	56158
06-Sep-17 03:30:00	11	7	1367	56166
06-Sep-17 04:00:00	11	7	1367	56174
06-Sep-17 04:30:00	11	7	1366	56181
06-Sep-17 05:00:00	11	7	1366	56189
06-Sep-17 05:30:00	11	7	1366	56197
06-Sep-17 06:00:00	10	7	1366	56204
06-Sep-17 06:30:00	10	7	1367	56212
06-Sep-17 07:00:00	11	7	1364	56220
06-Sep-17 07:30:00	11	7	1368	56228
06-Sep-17 08:00:00	12	7	1368	56236
06-Sep-17 08:30:00	12	7	1370	56244
06-Sep-17 09:00:00	12	7	1368	56253
06-Sep-17 09:30:00	12	7	1368	56261
06-Sep-17 10:00:00	12	7	1368	56269
06-Sep-17 10:30:00	12	7	1370	56278
06-Sep-17 11:00:00	12	7	1369	56286

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
06-Sep-17 11:30:00	11	7	1367	56294
06-Sep-17 12:00:00	11	7	1367	56302
06-Sep-17 12:30:00	11	7	1368	56311
06-Sep-17 13:00:00	11	7	1367	56319
06-Sep-17 13:30:00	11	7	1368	56327
06-Sep-17 14:00:00	10	7	1366	56335
06-Sep-17 14:30:00	11	7	1368	56343
06-Sep-17 15:00:00	12	7	1372	56352
06-Sep-17 15:30:00	11	7	1372	56360
06-Sep-17 16:00:00	11	7	1372	56369
06-Sep-17 16:30:00	11	7	1372	56377
06-Sep-17 17:00:00	13	7	1374	56385
06-Sep-17 17:30:00	12	7	1372	56393
06-Sep-17 18:00:00	12	7	1372	56402
06-Sep-17 18:30:00	12	7	1372	56410
06-Sep-17 19:00:00	12	7	1372	56418
06-Sep-17 19:30:00	12	7	1372	56426
06-Sep-17 20:00:00	12	7	1372	56435
06-Sep-17 20:30:00	12	7	1372	56443
06-Sep-17 21:00:00	12	7	1373	56451
06-Sep-17 21:30:00	12	7	1373	56459
06-Sep-17 22:00:00	11	7	1372	56467
06-Sep-17 22:30:00	11	7	1372	56475
06-Sep-17 23:00:00	11	7	1371	56483
06-Sep-17 23:30:00	11	7	1371	56491
07-Sep-17 00:00:00	11	7	1372	56499
07-Sep-17 00:30:00	11	7	1372	56507
07-Sep-17 01:00:00	11	7	1372	56515
07-Sep-17 01:30:00	12	7	1372	56524
07-Sep-17 02:00:00	11	7	1372	56532
07-Sep-17 02:30:00	11	7	1372	56540
07-Sep-17 03:00:00	11	7	1373	56548
07-Sep-17 03:30:00	12	7	1371	56556
07-Sep-17 04:00:00	12	7	1372	56564
07-Sep-17 04:30:00	12	7	1372	56572
07-Sep-17 05:00:00	11	7	1372	56580
07-Sep-17 05:30:00	11	7	1372	56588
07-Sep-17 06:00:00	11	7	1370	56596
07-Sep-17 06:30:00	11	7	1372	56604
07-Sep-17 07:00:00	11	7	1373	56612
07-Sep-17 07:30:00	11	7	1372	56620
07-Sep-17 08:00:00	11	7	1372	56628
07-Sep-17 08:30:00	11	7	1372	56636
07-Sep-17 09:00:00	11	7	1372	56643
07-Sep-17 09:30:00	11	7	1372	56651

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
07-Sep-17 10:00:00	12	7	1371	56659
07-Sep-17 10:30:00	12	7	1371	56667
07-Sep-17 11:00:00	11	7	1372	56675
07-Sep-17 11:30:00	11	7	1372	56683
07-Sep-17 12:00:00	11	7	1371	56691
07-Sep-17 12:30:00	11	7	1371	56699
07-Sep-17 13:00:00	11	7	1373	56707
07-Sep-17 13:30:00	11	7	1372	56715
07-Sep-17 14:00:00	11	7	1372	56723
07-Sep-17 14:30:00	11	7	1372	56731
07-Sep-17 15:00:00	11	7	1372	56738
07-Sep-17 15:30:00	11	7	1372	56746
07-Sep-17 16:00:00	11	7	1372	56754
07-Sep-17 16:30:00	11	7	1371	56762
07-Sep-17 17:00:00	11	7	1372	56770
07-Sep-17 17:30:00	11	7	1373	56777
07-Sep-17 18:00:00	10	7	1374	56785
07-Sep-17 18:30:00	12	7	1373	56793
07-Sep-17 19:00:00	11	7	1373	56800
07-Sep-17 19:30:00	11	7	1373	56808
07-Sep-17 20:00:00	10	7	1371	56815
07-Sep-17 20:30:00	11	7	1372	56822
07-Sep-17 21:00:00	11	7	1373	56830
07-Sep-17 21:30:00	10	7	1373	56837
07-Sep-17 22:00:00	11	7	1372	56845
07-Sep-17 22:30:00	11	7	1374	56852
07-Sep-17 23:00:00	11	7	1372	56859
07-Sep-17 23:30:00	11	7	1372	56867
08-Sep-17 00:00:00	11	7	1372	56874
08-Sep-17 00:30:00	10	7	1371	56881
08-Sep-17 01:00:00	10	7	1370	56888
08-Sep-17 01:30:00	12	7	1373	56896
08-Sep-17 02:00:00	11	7	1372	56904
08-Sep-17 02:30:00	11	7	1374	56911
08-Sep-17 03:00:00	12	7	1373	56919
08-Sep-17 03:30:00	11	7	1372	56926
08-Sep-17 04:00:00	11	7	1372	56933
08-Sep-17 04:30:00	11	7	1372	56941
08-Sep-17 05:00:00	11	7	1371	56949
08-Sep-17 05:30:00	11	7	1373	56956
08-Sep-17 06:00:00	10	7	1372	56963
08-Sep-17 06:30:00	10	7	1371	56970
08-Sep-17 07:00:00	10	7	1371	56978
08-Sep-17 07:30:00	0	7	1328	56985
08-Sep-17 08:00:00	0	8	1259	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
08-Sep-17 08:30:00	0	9	1239	56985
08-Sep-17 09:00:00	0	9	1227	56985
08-Sep-17 09:30:00	0	10	1218	56985
08-Sep-17 10:00:00	0	11	1211	56985
08-Sep-17 10:30:00	0	11	1204	56985
08-Sep-17 11:00:00	0	12	1199	56985
08-Sep-17 11:30:00	0	13	1194	56985
08-Sep-17 12:00:00	0	13	1189	56985
08-Sep-17 12:30:00	0	14	1184	56985
08-Sep-17 13:00:00	0	14	1181	56985
08-Sep-17 13:30:00	0	15	1177	56985
08-Sep-17 14:00:00	0	15	1174	56985
08-Sep-17 14:30:00	0	15	1170	56985
08-Sep-17 15:00:00	0	16	1167	56985
08-Sep-17 15:30:00	0	16	1164	56985
08-Sep-17 16:00:00	0	17	1162	56985
08-Sep-17 16:30:00	0	17	1159	56985
08-Sep-17 17:00:00	0	17	1156	56985
08-Sep-17 17:30:00	0	18	1154	56985
08-Sep-17 18:00:00	0	18	1152	56985
08-Sep-17 18:30:00	0	18	1150	56985
08-Sep-17 19:00:00	0	18	1147	56985
08-Sep-17 19:30:00	0	19	1146	56985
08-Sep-17 20:00:00	0	19	1144	56985
08-Sep-17 20:30:00	0	19	1142	56985
08-Sep-17 21:00:00	0	19	1140	56985
08-Sep-17 21:30:00	0	20	1138	56985
08-Sep-17 22:00:00	0	20	1136	56985
08-Sep-17 22:30:00	0	20	1134	56985
08-Sep-17 23:00:00	0	20	1132	56985
08-Sep-17 23:30:00	0	21	1131	56985
09-Sep-17 00:00:00	0	21	1129	56985
09-Sep-17 00:30:00	0	21	1127	56985
09-Sep-17 01:00:00	0	21	1126	56985
09-Sep-17 01:30:00	0	21	1124	56985
09-Sep-17 02:00:00	0	22	1123	56985
09-Sep-17 02:30:00	0	22	1121	56985
09-Sep-17 03:00:00	0	22	1120	56985
09-Sep-17 03:30:00	0	22	1118	56985
09-Sep-17 04:00:00	0	22	1117	56985
09-Sep-17 04:30:00	0	22	1116	56985
09-Sep-17 05:00:00	0	23	1114	56985
09-Sep-17 05:30:00	0	23	1113	56985
09-Sep-17 06:00:00	0	23	1112	56985
09-Sep-17 06:30:00	0	23	1110	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
09-Sep-17 07:00:00	0	23	1109	56985
09-Sep-17 07:30:00	0	23	1108	56985
09-Sep-17 08:00:00	0	24	1107	56985
09-Sep-17 08:30:00	0	24	1105	56985
09-Sep-17 09:00:00	0	24	1105	56985
09-Sep-17 09:30:00	0	24	1103	56985
09-Sep-17 10:00:00	0	24	1102	56985
09-Sep-17 10:30:00	0	24	1101	56985
09-Sep-17 11:00:00	0	25	1100	56985
09-Sep-17 11:30:00	0	25	1099	56985
09-Sep-17 12:00:00	0	25	1098	56985
09-Sep-17 12:30:00	0	25	1096	56985
09-Sep-17 13:00:00	0	25	1095	56985
09-Sep-17 13:30:00	0	26	1095	56985
09-Sep-17 14:00:00	0	26	1093	56985
09-Sep-17 14:30:00	0	26	1092	56985
09-Sep-17 15:00:00	0	26	1091	56985
09-Sep-17 15:30:00	0	26	1090	56985
09-Sep-17 16:00:00	0	26	1089	56985
09-Sep-17 16:30:00	0	27	1089	56985
09-Sep-17 17:00:00	0	27	1087	56985
09-Sep-17 17:30:00	0	27	1087	56985
09-Sep-17 18:00:00	0	27	1086	56985
09-Sep-17 18:30:00	0	27	1085	56985
09-Sep-17 19:00:00	0	27	1084	56985
09-Sep-17 19:30:00	0	27	1083	56985
09-Sep-17 20:00:00	0	28	1082	56985
09-Sep-17 20:30:00	0	28	1081	56985
09-Sep-17 21:00:00	0	28	1081	56985
09-Sep-17 21:30:00	0	28	1080	56985
09-Sep-17 22:00:00	0	28	1079	56985
09-Sep-17 22:30:00	0	28	1078	56985
09-Sep-17 23:00:00	0	28	1077	56985
09-Sep-17 23:30:00	0	28	1076	56985
10-Sep-17 00:00:00	0	28	1075	56985
10-Sep-17 00:30:00	0	28	1075	56985
10-Sep-17 01:00:00	0	29	1074	56985
10-Sep-17 01:30:00	0	29	1073	56985
10-Sep-17 02:00:00	0	29	1072	56985
10-Sep-17 02:30:00	0	29	1071	56985
10-Sep-17 03:00:00	0	29	1070	56985
10-Sep-17 03:30:00	0	29	1070	56985
10-Sep-17 04:00:00	0	29	1069	56985
10-Sep-17 04:30:00	0	29	1068	56985
10-Sep-17 05:00:00	0	29	1067	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
10-Sep-17 05:30:00	0	29	1067	56985
10-Sep-17 06:00:00	0	29	1066	56985
10-Sep-17 06:30:00	0	29	1065	56985
10-Sep-17 07:00:00	0	30	1064	56985
10-Sep-17 07:30:00	0	30	1064	56985
10-Sep-17 08:00:00	0	30	1063	56985
10-Sep-17 08:30:00	0	30	1062	56985
10-Sep-17 09:00:00	0	30	1061	56985
10-Sep-17 09:30:00	0	30	1061	56985
10-Sep-17 10:00:00	0	30	1060	56985
10-Sep-17 10:30:00	0	30	1059	56985
10-Sep-17 11:00:00	0	31	1058	56985
10-Sep-17 11:30:00	0	31	1058	56985
10-Sep-17 12:00:00	0	31	1057	56985
10-Sep-17 12:30:00	0	31	1056	56985
10-Sep-17 13:00:00	0	31	1055	56985
10-Sep-17 13:30:00	0	31	1055	56985
10-Sep-17 14:00:00	0	31	1055	56985
10-Sep-17 14:30:00	0	32	1054	56985
10-Sep-17 15:00:00	0	32	1053	56985
10-Sep-17 15:30:00	0	32	1053	56985
10-Sep-17 16:00:00	0	32	1052	56985
10-Sep-17 16:30:00	0	32	1051	56985
10-Sep-17 17:00:00	0	32	1051	56985
10-Sep-17 17:30:00	0	32	1050	56985
10-Sep-17 18:00:00	0	33	1049	56985
10-Sep-17 18:30:00	0	33	1049	56985
10-Sep-17 19:00:00	0	33	1048	56985
10-Sep-17 19:30:00	0	33	1048	56985
10-Sep-17 20:00:00	0	33	1047	56985
10-Sep-17 20:30:00	0	33	1046	56985
10-Sep-17 21:00:00	0	33	1046	56985
10-Sep-17 21:30:00	0	33	1045	56985
10-Sep-17 22:00:00	0	33	1045	56985
10-Sep-17 22:30:00	0	33	1044	56985
10-Sep-17 23:00:00	0	33	1043	56985
10-Sep-17 23:30:00	0	33	1043	56985
11-Sep-17 00:00:00	0	34	1042	56985
11-Sep-17 00:30:00	0	34	1042	56985
11-Sep-17 01:00:00	0	34	1041	56985
11-Sep-17 01:30:00	0	34	1040	56985
11-Sep-17 02:00:00	0	34	1040	56985
11-Sep-17 02:30:00	0	34	1039	56985
11-Sep-17 03:00:00	0	34	1039	56985
11-Sep-17 03:30:00	0	34	1038	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
11-Sep-17 04:00:00	0	34	1038	56985
11-Sep-17 04:30:00	0	34	1037	56985
11-Sep-17 05:00:00	0	34	1036	56985
11-Sep-17 05:30:00	0	34	1036	56985
11-Sep-17 06:00:00	0	34	1035	56985
11-Sep-17 06:30:00	0	34	1035	56985
11-Sep-17 07:00:00	0	34	1034	56985
11-Sep-17 07:30:00	0	34	1034	56985
11-Sep-17 08:00:00	0	34	1033	56985
11-Sep-17 08:30:00	0	34	1033	56985
11-Sep-17 09:00:00	0	35	1032	56985
11-Sep-17 09:30:00	0	35	1031	56985
11-Sep-17 10:00:00	0	35	1031	56985
11-Sep-17 10:30:00	0	35	1031	56985
11-Sep-17 11:00:00	0	35	1030	56985
11-Sep-17 11:30:00	0	35	1029	56985
11-Sep-17 12:00:00	0	36	1029	56985
11-Sep-17 12:30:00	0	36	1028	56985
11-Sep-17 13:00:00	0	36	1027	56985
11-Sep-17 13:30:00	0	36	1027	56985
11-Sep-17 14:00:00	0	36	1026	56985
11-Sep-17 14:30:00	0	36	1026	56985
11-Sep-17 15:00:00	0	36	1026	56985
11-Sep-17 15:30:00	0	36	1025	56985
11-Sep-17 16:00:00	0	37	1025	56985
11-Sep-17 16:30:00	0	37	1024	56985
11-Sep-17 17:00:00	0	37	1024	56985
11-Sep-17 17:30:00	0	37	1023	56985
11-Sep-17 18:00:00	0	37	1023	56985
11-Sep-17 18:30:00	0	37	1022	56985
11-Sep-17 19:00:00	0	37	1022	56985
11-Sep-17 19:30:00	0	37	1021	56985
11-Sep-17 20:00:00	0	37	1021	56985
11-Sep-17 20:30:00	0	37	1021	56985
11-Sep-17 21:00:00	0	37	1020	56985
11-Sep-17 21:30:00	0	37	1020	56985
11-Sep-17 22:00:00	0	38	1019	56985
11-Sep-17 22:30:00	0	38	1019	56985
11-Sep-17 23:00:00	0	38	1018	56985
11-Sep-17 23:30:00	0	38	1018	56985
12-Sep-17 00:00:00	0	38	1017	56985
12-Sep-17 00:30:00	0	38	1017	56985
12-Sep-17 01:00:00	0	38	1016	56985
12-Sep-17 01:30:00	0	38	1016	56985
12-Sep-17 02:00:00	0	38	1015	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
12-Sep-17 02:30:00	0	38	1015	56985
12-Sep-17 03:00:00	0	38	1014	56985
12-Sep-17 03:30:00	0	38	1014	56985
12-Sep-17 04:00:00	0	38	1013	56985
12-Sep-17 04:30:00	0	38	1013	56985
12-Sep-17 05:00:00	0	38	1012	56985
12-Sep-17 05:30:00	0	38	1012	56985
12-Sep-17 06:00:00	0	38	1012	56985
12-Sep-17 06:30:00	0	38	1011	56985
12-Sep-17 07:00:00	0	38	1011	56985
12-Sep-17 07:30:00	0	38	1010	56985
12-Sep-17 08:00:00	0	38	1010	56985
12-Sep-17 08:30:00	0	38	1009	56985
12-Sep-17 09:00:00	0	39	1009	56985
12-Sep-17 09:30:00	0	39	1008	56985
12-Sep-17 10:00:00	0	39	1008	56985
12-Sep-17 10:30:00	0	39	1008	56985
12-Sep-17 11:00:00	0	39	1007	56985
12-Sep-17 11:30:00	0	39	1006	56985
12-Sep-17 12:00:00	0	39	1006	56985
12-Sep-17 12:30:00	0	40	1006	56985
12-Sep-17 13:00:00	0	40	1005	56985
12-Sep-17 13:30:00	0	40	1005	56985
12-Sep-17 14:00:00	0	40	1004	56985
12-Sep-17 14:30:00	0	40	1004	56985
12-Sep-17 15:00:00	0	40	1004	56985
12-Sep-17 15:30:00	0	40	1003	56985
12-Sep-17 16:00:00	0	40	1003	56985
12-Sep-17 16:30:00	0	41	1003	56985
12-Sep-17 17:00:00	0	41	1002	56985
12-Sep-17 17:30:00	0	41	1001	56985
12-Sep-17 18:00:00	0	41	1002	56985
12-Sep-17 18:30:00	0	41	1001	56985
12-Sep-17 19:00:00	0	41	1001	56985
12-Sep-17 19:30:00	0	41	1000	56985
12-Sep-17 20:00:00	0	41	1000	56985
12-Sep-17 20:30:00	0	41	999	56985
12-Sep-17 21:00:00	0	41	999	56985
12-Sep-17 21:30:00	0	41	999	56985
12-Sep-17 22:00:00	0	41	998	56985
12-Sep-17 22:30:00	0	41	998	56985
12-Sep-17 23:00:00	0	41	997	56985
12-Sep-17 23:30:00	0	41	997	56985
13-Sep-17 00:00:00	0	41	997	56985
13-Sep-17 00:30:00	0	41	996	56985

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
13-Sep-17 01:00:00	0	41	996	56985
13-Sep-17 01:30:00	0	41	995	56985
13-Sep-17 02:00:00	0	41	995	56985
13-Sep-17 02:30:00	0	41	995	56985
13-Sep-17 03:00:00	0	41	994	56985
13-Sep-17 03:30:00	0	41	994	56985
13-Sep-17 04:00:00	0	41	993	56985
13-Sep-17 04:30:00	0	41	993	56985
13-Sep-17 05:00:00	0	41	993	56985
13-Sep-17 05:30:00	0	41	992	56985
13-Sep-17 06:00:00	0	41	992	56985
13-Sep-17 06:30:00	0	41	991	56985
13-Sep-17 07:00:00	0	41	991	56985
13-Sep-17 07:30:00	0	41	991	56985
13-Sep-17 08:00:00	0	42	990	56985
13-Sep-17 08:30:00	0	42	990	56985
13-Sep-17 09:00:00	0	42	990	56985
13-Sep-17 09:30:00	0	42	989	56985
13-Sep-17 10:00:00	13	40	1091	56989
13-Sep-17 10:30:00	20	24	1192	57004
13-Sep-17 11:00:00	18	17	1192	57017
13-Sep-17 11:30:00	15	15	1190	57028
13-Sep-17 12:00:00	14	13	1191	57039
13-Sep-17 12:30:00	14	12	1192	57049
13-Sep-17 13:00:00	14	11	1192	57058
13-Sep-17 13:30:00	13	11	1193	57067
13-Sep-17 14:00:00	12	11	1189	57076
13-Sep-17 14:30:00	12	10	1192	57085
13-Sep-17 15:00:00	15	10	1206	57095
13-Sep-17 15:30:00	14	10	1207	57104
13-Sep-17 16:00:00	13	9	1207	57113
13-Sep-17 16:30:00	12	9	1205	57123
13-Sep-17 17:00:00	11	9	1206	57131
13-Sep-17 17:30:00	12	9	1207	57140
13-Sep-17 18:00:00	12	9	1206	57149
13-Sep-17 18:30:00	12	9	1207	57158
13-Sep-17 19:00:00	12	9	1207	57166
13-Sep-17 19:30:00	12	9	1208	57175
13-Sep-17 20:00:00	12	9	1206	57183
13-Sep-17 20:30:00	12	9	1208	57191
13-Sep-17 21:00:00	12	9	1207	57200
13-Sep-17 21:30:00	12	9	1206	57208
13-Sep-17 22:00:00	12	9	1209	57216
13-Sep-17 22:30:00	10	9	1205	57224
13-Sep-17 23:00:00	10	9	1207	57231

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
13-Sep-17 23:30:00	0	9	1205	57235
14-Sep-17 00:00:00	11	8	1212	57242
14-Sep-17 00:30:00	11	8	1214	57250
14-Sep-17 01:00:00	11	8	1214	57256
14-Sep-17 01:30:00	8	8	1209	57263
14-Sep-17 02:00:00	0	8	1212	57269
14-Sep-17 02:30:00	11	8	1212	57275
14-Sep-17 03:00:00	12	8	1219	57282
14-Sep-17 03:30:00	12	8	1223	57290
14-Sep-17 04:00:00	13	8	1224	57298
14-Sep-17 04:30:00	12	7	1224	57307
14-Sep-17 05:00:00	12	7	1228	57315
14-Sep-17 05:30:00	13	7	1227	57324
14-Sep-17 06:00:00	12	7	1227	57332
14-Sep-17 06:30:00	12	7	1226	57340
14-Sep-17 07:00:00	12	7	1227	57349
14-Sep-17 07:30:00	13	7	1233	57357
14-Sep-17 08:00:00	11	7	1231	57366
14-Sep-17 08:30:00	12	7	1232	57375
14-Sep-17 09:00:00	12	7	1234	57383
14-Sep-17 09:30:00	12	7	1232	57391
14-Sep-17 10:00:00	11	7	1232	57399
14-Sep-17 10:30:00	11	7	1230	57408
14-Sep-17 11:00:00	11	7	1232	57416
14-Sep-17 11:30:00	11	7	1234	57424
14-Sep-17 12:00:00	12	7	1234	57432
14-Sep-17 12:30:00	12	7	1232	57440
14-Sep-17 13:00:00	11	7	1233	57448
14-Sep-17 13:30:00	11	7	1233	57455
14-Sep-17 14:00:00	11	7	1234	57463
14-Sep-17 14:30:00	11	7	1232	57471
14-Sep-17 15:00:00	11	7	1234	57479
14-Sep-17 15:30:00	12	7	1242	57487
14-Sep-17 16:00:00	12	7	1241	57496
14-Sep-17 16:30:00	12	7	1244	57504
14-Sep-17 17:00:00	11	7	1243	57513
14-Sep-17 17:30:00	11	7	1242	57521
14-Sep-17 18:00:00	12	7	1244	57529
14-Sep-17 18:30:00	12	7	1239	57537
14-Sep-17 19:00:00	11	7	1240	57545
14-Sep-17 19:30:00	11	7	1239	57553
14-Sep-17 20:00:00	11	7	1239	57561
14-Sep-17 20:30:00	11	6	1238	57569
14-Sep-17 21:00:00	11	6	1238	57576
14-Sep-17 21:30:00	11	6	1237	57584

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
14-Sep-17 22:00:00	11	6	1237	57592
14-Sep-17 22:30:00	11	6	1236	57599
14-Sep-17 23:00:00	11	6	1237	57607
14-Sep-17 23:30:00	10	6	1236	57615
15-Sep-17 00:00:00	21	6	1291	57625
15-Sep-17 00:30:00	14	6	1258	57635
15-Sep-17 01:00:00	13	6	1257	57645
15-Sep-17 01:30:00	13	5	1256	57654
15-Sep-17 02:00:00	13	5	1257	57663
15-Sep-17 02:30:00	13	5	1255	57673
15-Sep-17 03:00:00	13	5	1255	57682
15-Sep-17 03:30:00	13	5	1255	57691
15-Sep-17 04:00:00	12	5	1253	57700
15-Sep-17 04:30:00	12	5	1248	57709
15-Sep-17 05:00:00	12	5	1249	57717
15-Sep-17 05:30:00	11	5	1249	57726
15-Sep-17 06:00:00	13	5	1255	57734
15-Sep-17 06:30:00	13	5	1257	57743
15-Sep-17 07:00:00	13	5	1258	57753
15-Sep-17 07:30:00	13	5	1260	57762
15-Sep-17 08:00:00	12	5	1260	57771
15-Sep-17 08:30:00	13	5	1259	57779
15-Sep-17 09:00:00	13	5	1260	57788
15-Sep-17 09:30:00	12	5	1262	57797
15-Sep-17 10:00:00	12	5	1262	57806
15-Sep-17 10:30:00	12	5	1261	57815
15-Sep-17 11:00:00	12	5	1262	57823
15-Sep-17 11:30:00	12	5	1262	57832
15-Sep-17 12:00:00	12	5	1262	57841
15-Sep-17 12:30:00	11	5	1258	57849
15-Sep-17 13:00:00	11	5	1253	57857
15-Sep-17 13:30:00	11	5	1254	57865
15-Sep-17 14:00:00	12	5	1256	57873
15-Sep-17 14:30:00	12	5	1257	57881
15-Sep-17 15:00:00	11	5	1258	57890
15-Sep-17 15:30:00	12	5	1258	57898
15-Sep-17 16:00:00	11	5	1259	57906
15-Sep-17 16:30:00	11	5	1260	57915
15-Sep-17 17:00:00	12	5	1262	57923
15-Sep-17 17:30:00	12	5	1263	57932
15-Sep-17 18:00:00	12	5	1264	57940
15-Sep-17 18:30:00	12	5	1263	57949
15-Sep-17 19:00:00	12	5	1262	57957
15-Sep-17 19:30:00	12	5	1262	57965
15-Sep-17 20:00:00	12	5	1263	57974

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
15-Sep-17 20:30:00	12	5	1265	57983
15-Sep-17 21:00:00	12	5	1266	57991
15-Sep-17 21:30:00	12	5	1267	58000
15-Sep-17 22:00:00	12	5	1267	58008
15-Sep-17 22:30:00	11	5	1267	58017
15-Sep-17 23:00:00	12	5	1268	58025
15-Sep-17 23:30:00	12	5	1269	58034
16-Sep-17 00:00:00	12	5	1270	58042
16-Sep-17 00:30:00	12	5	1269	58051
16-Sep-17 01:00:00	12	5	1267	58059
16-Sep-17 01:30:00	11	5	1265	58067
16-Sep-17 02:00:00	11	5	1263	58075
16-Sep-17 02:30:00	11	5	1263	58083
16-Sep-17 03:00:00	11	5	1263	58091
16-Sep-17 03:30:00	11	5	1263	58099
16-Sep-17 04:00:00	11	5	1262	58107
16-Sep-17 04:30:00	11	5	1263	58115
16-Sep-17 05:00:00	11	5	1263	58123
16-Sep-17 05:30:00	12	5	1266	58131
16-Sep-17 06:00:00	11	5	1266	58139
16-Sep-17 06:30:00	11	5	1265	58148
16-Sep-17 07:00:00	12	5	1264	58156
16-Sep-17 07:30:00	11	5	1264	58163
16-Sep-17 08:00:00	11	5	1264	58171
16-Sep-17 08:30:00	11	5	1265	58179
16-Sep-17 09:00:00	11	5	1264	58187
16-Sep-17 09:30:00	11	5	1264	58195
16-Sep-17 10:00:00	11	5	1264	58203
16-Sep-17 10:30:00	11	5	1264	58211
16-Sep-17 11:00:00	11	5	1265	58219
16-Sep-17 11:30:00	11	5	1265	58226
16-Sep-17 12:00:00	11	5	1265	58234
16-Sep-17 12:30:00	11	5	1266	58242
16-Sep-17 13:00:00	11	5	1267	58250
16-Sep-17 13:30:00	11	5	1267	58258
16-Sep-17 14:00:00	11	5	1267	58266
16-Sep-17 14:30:00	11	5	1268	58274
16-Sep-17 15:00:00	11	5	1269	58282
16-Sep-17 15:30:00	11	5	1270	58290
16-Sep-17 16:00:00	11	5	1271	58298
16-Sep-17 16:30:00	12	5	1271	58306
16-Sep-17 17:00:00	11	5	1272	58314
16-Sep-17 17:30:00	11	5	1271	58322
16-Sep-17 18:00:00	11	5	1271	58330
16-Sep-17 18:30:00	11	5	1271	58338

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
16-Sep-17 19:00:00	12	5	1279	58346
16-Sep-17 19:30:00	12	5	1281	58355
16-Sep-17 20:00:00	12	5	1282	58364
16-Sep-17 20:30:00	12	5	1283	58372
16-Sep-17 21:00:00	12	5	1283	58381
16-Sep-17 21:30:00	12	5	1283	58389
16-Sep-17 22:00:00	12	5	1283	58398
16-Sep-17 22:30:00	12	5	1284	58407
16-Sep-17 23:00:00	12	5	1284	58415
16-Sep-17 23:30:00	12	5	1284	58424
17-Sep-17 00:00:00	12	5	1285	58432
17-Sep-17 00:30:00	12	5	1285	58441
17-Sep-17 01:00:00	12	5	1285	58450
17-Sep-17 01:30:00	12	5	1286	58458
17-Sep-17 02:00:00	12	5	1286	58467
17-Sep-17 02:30:00	12	5	1284	58475
17-Sep-17 03:00:00	12	5	1283	58484
17-Sep-17 03:30:00	11	5	1283	58492
17-Sep-17 04:00:00	12	5	1283	58500
17-Sep-17 04:30:00	12	5	1283	58509
17-Sep-17 05:00:00	12	5	1283	58517
17-Sep-17 05:30:00	12	5	1284	58526
17-Sep-17 06:00:00	12	5	1284	58534
17-Sep-17 06:30:00	12	5	1284	58543
17-Sep-17 07:00:00	12	5	1284	58551
17-Sep-17 07:30:00	12	5	1284	58560
17-Sep-17 08:00:00	12	5	1284	58568
17-Sep-17 08:30:00	12	5	1283	58576
17-Sep-17 09:00:00	11	5	1283	58584
17-Sep-17 09:30:00	11	5	1283	58592
17-Sep-17 10:00:00	11	5	1281	58600
17-Sep-17 10:30:00	11	5	1282	58608
17-Sep-17 11:00:00	11	5	1281	58616
17-Sep-17 11:30:00	12	5	1281	58624
17-Sep-17 12:00:00	11	5	1281	58632
17-Sep-17 12:30:00	11	5	1281	58640
17-Sep-17 13:00:00	11	5	1281	58648
17-Sep-17 13:30:00	11	5	1280	58656
17-Sep-17 14:00:00	11	5	1281	58664
17-Sep-17 14:30:00	11	5	1281	58671
17-Sep-17 15:00:00	11	5	1281	58679
17-Sep-17 15:30:00	11	5	1281	58687
17-Sep-17 16:00:00	11	5	1278	58695
17-Sep-17 16:30:00	10	5	1278	58702
17-Sep-17 17:00:00	11	5	1280	58710

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
17-Sep-17 17:30:00	11	5	1282	58718
17-Sep-17 18:00:00	11	5	1282	58726
17-Sep-17 18:30:00	11	5	1282	58734
17-Sep-17 19:00:00	11	5	1283	58742
17-Sep-17 19:30:00	11	5	1284	58750
17-Sep-17 20:00:00	11	5	1284	58758
17-Sep-17 20:30:00	11	5	1284	58766
17-Sep-17 21:00:00	11	5	1284	58774
17-Sep-17 21:30:00	10	5	1284	58781
17-Sep-17 22:00:00	11	5	1283	58789
17-Sep-17 22:30:00	11	5	1282	58797
17-Sep-17 23:00:00	11	5	1282	58805
17-Sep-17 23:30:00	11	5	1282	58813
18-Sep-17 00:00:00	11	5	1281	58821
18-Sep-17 00:30:00	10	5	1281	58828
18-Sep-17 01:00:00	11	5	1283	58836
18-Sep-17 01:30:00	11	5	1283	58844
18-Sep-17 02:00:00	11	5	1283	58852
18-Sep-17 02:30:00	11	5	1282	58860
18-Sep-17 03:00:00	11	5	1282	58867
18-Sep-17 03:30:00	11	5	1283	58875
18-Sep-17 04:00:00	11	5	1283	58883
18-Sep-17 04:30:00	11	5	1283	58891
18-Sep-17 05:00:00	10	5	1281	58898
18-Sep-17 05:30:00	11	5	1280	58905
18-Sep-17 06:00:00	10	5	1279	58912
18-Sep-17 06:30:00	11	5	1279	58919
18-Sep-17 07:00:00	11	5	1279	58927
18-Sep-17 07:30:00	10	5	1279	58934
18-Sep-17 08:00:00	11	5	1279	58941
18-Sep-17 08:30:00	10	5	1278	58948
18-Sep-17 09:00:00	0	5	1198	58951
18-Sep-17 09:30:00	0	6	1169	58951
18-Sep-17 10:00:00	0	7	1153	58951
18-Sep-17 10:30:00	0	8	1143	58951
18-Sep-17 11:00:00	0	9	1135	58951
18-Sep-17 11:30:00	0	9	1128	58951
18-Sep-17 12:00:00	0	10	1123	58951
18-Sep-17 12:30:00	0	11	1118	58951
18-Sep-17 13:00:00	0	11	1113	58951
18-Sep-17 13:30:00	0	12	1110	58951
18-Sep-17 14:00:00	0	12	1106	58951
18-Sep-17 14:30:00	0	13	1103	58951
18-Sep-17 15:00:00	0	13	1100	58951
18-Sep-17 15:30:00	0	14	1097	58951

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
18-Sep-17 16:00:00	0	14	1094	58951
18-Sep-17 16:30:00	0	15	1092	58951
18-Sep-17 17:00:00	0	15	1089	58951
18-Sep-17 17:30:00	0	15	1087	58951
18-Sep-17 18:00:00	0	16	1085	58951
18-Sep-17 18:30:00	0	16	1083	58951
18-Sep-17 19:00:00	0	17	1081	58951
18-Sep-17 19:30:00	0	17	1078	58951
18-Sep-17 20:00:00	0	17	1077	58951
18-Sep-17 20:30:00	0	18	1075	58951
18-Sep-17 21:00:00	0	18	1073	58951
18-Sep-17 21:30:00	0	18	1072	58951
18-Sep-17 22:00:00	0	19	1070	58951
18-Sep-17 22:30:00	0	19	1068	58951
18-Sep-17 23:00:00	0	19	1067	58951
18-Sep-17 23:30:00	0	19	1065	58951
19-Sep-17 00:00:00	0	20	1064	58951
19-Sep-17 00:30:00	0	20	1062	58951
19-Sep-17 01:00:00	0	20	1061	58951
19-Sep-17 01:30:00	0	20	1060	58951
19-Sep-17 02:00:00	0	20	1058	58951
19-Sep-17 02:30:00	0	21	1057	58951
19-Sep-17 03:00:00	0	21	1056	58951
19-Sep-17 03:30:00	0	21	1055	58951
19-Sep-17 04:00:00	0	21	1053	58951
19-Sep-17 04:30:00	0	21	1052	58951
19-Sep-17 05:00:00	0	22	1051	58951
19-Sep-17 05:30:00	0	22	1050	58951
19-Sep-17 06:00:00	0	22	1048	58951
19-Sep-17 06:30:00	0	22	1048	58951
19-Sep-17 07:00:00	0	22	1046	58951
19-Sep-17 07:30:00	0	22	1046	58951
19-Sep-17 08:00:00	0	23	1044	58951
19-Sep-17 08:30:00	0	23	1043	58951
19-Sep-17 09:00:00	0	23	1042	58951
19-Sep-17 09:30:00	0	23	1041	58951
19-Sep-17 10:00:00	0	24	1040	58951
19-Sep-17 10:30:00	0	24	1039	58951
19-Sep-17 11:00:00	0	24	1038	58951
19-Sep-17 11:30:00	0	24	1037	58951
19-Sep-17 12:00:00	0	25	1036	58951
19-Sep-17 12:30:00	0	25	1036	58951
19-Sep-17 13:00:00	0	25	1034	58951
19-Sep-17 13:30:00	0	25	1033	58951
19-Sep-17 14:00:00	0	25	1032	58951

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
19-Sep-17 14:30:00	0	26	1031	58951
19-Sep-17 15:00:00	0	26	1031	58951
19-Sep-17 15:30:00	0	26	1030	58951
19-Sep-17 16:00:00	0	26	1029	58951
19-Sep-17 16:30:00	0	27	1028	58951
19-Sep-17 17:00:00	0	27	1028	58951
19-Sep-17 17:30:00	0	27	1027	58951
19-Sep-17 18:00:00	0	27	1026	58951
19-Sep-17 18:30:00	0	27	1025	58951
19-Sep-17 19:00:00	0	27	1024	58951
19-Sep-17 19:30:00	0	28	1024	58951
19-Sep-17 20:00:00	0	28	1023	58951
19-Sep-17 20:30:00	0	28	1022	58951
19-Sep-17 21:00:00	0	28	1021	58951
19-Sep-17 21:30:00	0	28	1021	58951
19-Sep-17 22:00:00	0	28	1021	58951
19-Sep-17 22:30:00	0	28	1019	58951
19-Sep-17 23:00:00	0	28	1019	58951
19-Sep-17 23:30:00	0	29	1018	58951
20-Sep-17 00:00:00	0	29	1017	58951
20-Sep-17 00:30:00	0	29	1017	58951
20-Sep-17 01:00:00	0	29	1016	58951
20-Sep-17 01:30:00	0	29	1015	58951
20-Sep-17 02:00:00	0	29	1015	58951
20-Sep-17 02:30:00	0	29	1014	58951
20-Sep-17 03:00:00	0	29	1013	58951
20-Sep-17 03:30:00	0	29	1013	58951
20-Sep-17 04:00:00	0	30	1012	58951
20-Sep-17 04:30:00	0	30	1011	58951
20-Sep-17 05:00:00	0	30	1011	58951
20-Sep-17 05:30:00	0	30	1010	58951
20-Sep-17 06:00:00	0	30	1009	58951
20-Sep-17 06:30:00	0	30	1009	58951
20-Sep-17 07:00:00	0	30	1008	58951
20-Sep-17 07:30:00	0	30	1008	58951
20-Sep-17 08:00:00	0	30	1007	58951
20-Sep-17 08:30:00	0	31	1007	58951
20-Sep-17 09:00:00	0	31	1006	58951
20-Sep-17 09:30:00	0	31	1005	58951
20-Sep-17 10:00:00	26	32	1102	58952
20-Sep-17 10:30:00	25	18	1221	58971
20-Sep-17 11:00:00	25	12	1256	58989
20-Sep-17 11:30:00	25	8	1273	59007
20-Sep-17 12:00:00	26	6	1287	59025
20-Sep-17 12:30:00	26	5	1293	59043

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
20-Sep-17 13:00:00	25	4	1297	59061
20-Sep-17 13:30:00	25	4	1302	59079
20-Sep-17 14:00:00	25	3	1306	59097
20-Sep-17 14:30:00	24	3	1311	59114
20-Sep-17 15:00:00	27	2	1329	59133
20-Sep-17 15:30:00	27	2	1329	59152
20-Sep-17 16:00:00	25	2	1330	59171
20-Sep-17 16:30:00	25	2	1331	59189
20-Sep-17 17:00:00	25	2	1330	59207
20-Sep-17 17:30:00	23	2	1331	59224
20-Sep-17 18:00:00	24	2	1331	59241
20-Sep-17 18:30:00	23	2	1330	59258
20-Sep-17 19:00:00	22	2	1329	59275
20-Sep-17 19:30:00	0	2	1208	59279
20-Sep-17 20:00:00	0	3	1147	59279
20-Sep-17 20:30:00	0	5	1124	59279
20-Sep-17 21:00:00	0	5	1111	59279
20-Sep-17 21:30:00	0	6	1100	59279
20-Sep-17 22:00:00	0	7	1092	59279
20-Sep-17 22:30:00	0	8	1085	59279
20-Sep-17 23:00:00	0	9	1079	59279
20-Sep-17 23:30:00	0	10	1074	59279
21-Sep-17 00:00:00	0	11	1070	59279
21-Sep-17 00:30:00	0	11	1066	59279
21-Sep-17 01:00:00	0	12	1063	59279
21-Sep-17 01:30:00	0	13	1059	59279
21-Sep-17 02:00:00	0	13	1056	59279
21-Sep-17 02:30:00	0	14	1054	59279
21-Sep-17 03:00:00	0	14	1051	59279
21-Sep-17 03:30:00	0	15	1048	59279
21-Sep-17 04:00:00	0	15	1046	59279
21-Sep-17 04:30:00	0	16	1044	59279
21-Sep-17 05:00:00	0	16	1042	59279
21-Sep-17 05:30:00	0	17	1040	59279
21-Sep-17 06:00:00	0	17	1038	59279
21-Sep-17 06:30:00	0	18	1036	59279
21-Sep-17 07:00:00	0	18	1035	59279
21-Sep-17 07:30:00	0	19	1034	59279
21-Sep-17 08:00:00	0	19	1032	59279
21-Sep-17 08:30:00	0	19	1031	59279
21-Sep-17 09:00:00	0	20	1029	59279
21-Sep-17 09:30:00	0	20	1028	59279
21-Sep-17 10:00:00	0	21	1026	59279
21-Sep-17 10:30:00	0	21	1025	59279
21-Sep-17 11:00:00	0	22	1024	59279

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
21-Sep-17 11:30:00	0	22	1023	59279
21-Sep-17 12:00:00	0	22	1021	59279
21-Sep-17 12:30:00	0	23	1020	59279
21-Sep-17 13:00:00	0	23	1019	59279
21-Sep-17 13:30:00	0	23	1018	59279
21-Sep-17 14:00:00	0	24	1017	59279
21-Sep-17 14:30:00	0	24	1016	59279
21-Sep-17 15:00:00	0	24	1015	59279
21-Sep-17 15:30:00	0	25	1014	59279
21-Sep-17 16:00:00	0	25	1013	59279
21-Sep-17 16:30:00	0	25	1012	59279
21-Sep-17 17:00:00	0	26	1011	59279
21-Sep-17 17:30:00	0	26	1010	59279
21-Sep-17 18:00:00	0	26	1010	59279
21-Sep-17 18:30:00	0	26	1009	59279
21-Sep-17 19:00:00	0	27	1008	59279
21-Sep-17 19:30:00	0	27	1007	59279
21-Sep-17 20:00:00	0	27	1006	59279
21-Sep-17 20:30:00	0	27	1006	59279
21-Sep-17 21:00:00	0	27	1005	59279
21-Sep-17 21:30:00	0	28	1004	59279
21-Sep-17 22:00:00	0	28	1003	59279
21-Sep-17 22:30:00	0	28	1002	59279
21-Sep-17 23:00:00	0	28	1002	59279
21-Sep-17 23:30:00	0	28	1001	59279
22-Sep-17 00:00:00	0	29	1001	59279
22-Sep-17 00:30:00	0	29	1000	59279
22-Sep-17 01:00:00	0	29	999	59279
22-Sep-17 01:30:00	0	29	998	59279
22-Sep-17 02:00:00	0	29	997	59279
22-Sep-17 02:30:00	0	29	997	59279
22-Sep-17 03:00:00	0	29	996	59279
22-Sep-17 03:30:00	0	30	996	59279
22-Sep-17 04:00:00	0	30	995	59279
22-Sep-17 04:30:00	0	30	995	59279
22-Sep-17 05:00:00	0	30	994	59279
22-Sep-17 05:30:00	0	30	993	59279
22-Sep-17 06:00:00	0	30	993	59279
22-Sep-17 06:30:00	0	31	992	59279
22-Sep-17 07:00:00	0	31	991	59279
22-Sep-17 07:30:00	49	29	1209	59286
22-Sep-17 08:00:00	45	10	1310	59320
22-Sep-17 08:30:00	47	5	1350	59352
22-Sep-17 09:00:00	45	3	1362	59385
22-Sep-17 09:30:00	49	1	1381	59418

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
22-Sep-17 10:00:00	48	1	1394	59453
22-Sep-17 10:30:00	47	0	1401	59487
22-Sep-17 11:00:00	48	0	1411	59521
22-Sep-17 11:30:00	47	-1	1417	59555
22-Sep-17 12:00:00	47	-1	1420	59588
22-Sep-17 12:30:00	46	-1	1429	59622
22-Sep-17 13:00:00	46	-1	1430	59655
22-Sep-17 13:30:00	45	-1	1433	59688
22-Sep-17 14:00:00	44	-1	1435	59720
22-Sep-17 14:30:00	42	-1	1434	59751
22-Sep-17 15:00:00	42	-1	1435	59781
22-Sep-17 15:30:00	42	-1	1435	59811
22-Sep-17 16:00:00	40	-1	1437	59840
22-Sep-17 16:30:00	39	-1	1437	59869
22-Sep-17 17:00:00	38	-1	1437	59897
22-Sep-17 17:30:00	39	-1	1435	59924
22-Sep-17 18:00:00	38	-1	1437	59951
22-Sep-17 18:30:00	37	-1	1438	59978
22-Sep-17 19:00:00	36	-1	1438	60004
22-Sep-17 19:30:00	36	-1	1439	60029
22-Sep-17 20:00:00	34	-1	1439	60054
22-Sep-17 20:30:00	34	-1	1438	60079
22-Sep-17 21:00:00	33	-1	1437	60103
22-Sep-17 21:30:00	33	-1	1438	60127
22-Sep-17 22:00:00	32	-1	1437	60150
22-Sep-17 22:30:00	32	-1	1438	60173
22-Sep-17 23:00:00	32	-1	1438	60196
22-Sep-17 23:30:00	31	-1	1437	60218
23-Sep-17 00:00:00	30	-1	1440	60241
23-Sep-17 00:30:00	30	-1	1438	60263
23-Sep-17 01:00:00	0	0	1286	60274
23-Sep-17 01:30:00	0	0	1238	60274
23-Sep-17 02:00:00	0	1	1216	60274
23-Sep-17 02:30:00	0	2	1199	60274
23-Sep-17 03:00:00	0	3	1187	60274
23-Sep-17 03:30:00	0	3	1176	60274
23-Sep-17 04:00:00	0	4	1167	60274
23-Sep-17 04:30:00	0	4	1159	60274
23-Sep-17 05:00:00	0	5	1152	60274
23-Sep-17 05:30:00	0	6	1146	60274
23-Sep-17 06:00:00	0	6	1140	60274
23-Sep-17 06:30:00	0	7	1134	60274
23-Sep-17 07:00:00	0	7	1129	60274
23-Sep-17 07:30:00	0	8	1125	60274
23-Sep-17 08:00:00	0	8	1121	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
23-Sep-17 08:30:00	0	9	1117	60274
23-Sep-17 09:00:00	0	9	1113	60274
23-Sep-17 09:30:00	0	10	1110	60274
23-Sep-17 10:00:00	0	10	1106	60274
23-Sep-17 10:30:00	0	11	1102	60274
23-Sep-17 11:00:00	0	11	1100	60274
23-Sep-17 11:30:00	0	12	1097	60274
23-Sep-17 12:00:00	0	12	1094	60274
23-Sep-17 12:30:00	0	12	1093	60274
23-Sep-17 13:00:00	0	13	1089	60274
23-Sep-17 13:30:00	0	13	1087	60274
23-Sep-17 14:00:00	0	14	1084	60274
23-Sep-17 14:30:00	0	14	1083	60274
23-Sep-17 15:00:00	0	14	1080	60274
23-Sep-17 15:30:00	0	15	1078	60274
23-Sep-17 16:00:00	0	15	1076	60274
23-Sep-17 16:30:00	0	15	1075	60274
23-Sep-17 17:00:00	0	16	1072	60274
23-Sep-17 17:30:00	0	16	1070	60274
23-Sep-17 18:00:00	0	16	1069	60274
23-Sep-17 18:30:00	0	17	1067	60274
23-Sep-17 19:00:00	0	17	1065	60274
23-Sep-17 19:30:00	0	17	1064	60274
23-Sep-17 20:00:00	0	18	1062	60274
23-Sep-17 20:30:00	0	18	1061	60274
23-Sep-17 21:00:00	0	18	1059	60274
23-Sep-17 21:30:00	0	19	1058	60274
23-Sep-17 22:00:00	0	19	1056	60274
23-Sep-17 22:30:00	0	19	1055	60274
23-Sep-17 23:00:00	0	19	1053	60274
23-Sep-17 23:30:00	0	20	1052	60274
24-Sep-17 00:00:00	0	20	1051	60274
24-Sep-17 00:30:00	0	20	1049	60274
24-Sep-17 01:00:00	0	20	1048	60274
24-Sep-17 01:30:00	0	20	1047	60274
24-Sep-17 02:00:00	0	21	1046	60274
24-Sep-17 02:30:00	0	21	1045	60274
24-Sep-17 03:00:00	0	21	1044	60274
24-Sep-17 03:30:00	0	21	1042	60274
24-Sep-17 04:00:00	0	21	1041	60274
24-Sep-17 04:30:00	0	22	1040	60274
24-Sep-17 05:00:00	0	22	1039	60274
24-Sep-17 05:30:00	0	22	1038	60274
24-Sep-17 06:00:00	0	22	1037	60274
24-Sep-17 06:30:00	0	22	1036	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
24-Sep-17 07:00:00	0	23	1035	60274
24-Sep-17 07:30:00	0	23	1034	60274
24-Sep-17 08:00:00	0	23	1033	60274
24-Sep-17 08:30:00	0	23	1032	60274
24-Sep-17 09:00:00	0	24	1031	60274
24-Sep-17 09:30:00	0	24	1030	60274
24-Sep-17 10:00:00	0	24	1029	60274
24-Sep-17 10:30:00	0	24	1028	60274
24-Sep-17 11:00:00	0	24	1027	60274
24-Sep-17 11:30:00	0	25	1026	60274
24-Sep-17 12:00:00	0	25	1025	60274
24-Sep-17 12:30:00	0	25	1024	60274
24-Sep-17 13:00:00	0	25	1023	60274
24-Sep-17 13:30:00	0	26	1022	60274
24-Sep-17 14:00:00	0	26	1021	60274
24-Sep-17 14:30:00	0	26	1021	60274
24-Sep-17 15:00:00	0	26	1020	60274
24-Sep-17 15:30:00	0	27	1019	60274
24-Sep-17 16:00:00	0	27	1018	60274
24-Sep-17 16:30:00	0	27	1017	60274
24-Sep-17 17:00:00	0	27	1017	60274
24-Sep-17 17:30:00	0	27	1016	60274
24-Sep-17 18:00:00	0	28	1015	60274
24-Sep-17 18:30:00	0	28	1014	60274
24-Sep-17 19:00:00	0	28	1014	60274
24-Sep-17 19:30:00	0	28	1013	60274
24-Sep-17 20:00:00	0	28	1013	60274
24-Sep-17 20:30:00	0	28	1012	60274
24-Sep-17 21:00:00	0	28	1011	60274
24-Sep-17 21:30:00	0	29	1010	60274
24-Sep-17 22:00:00	0	29	1010	60274
24-Sep-17 22:30:00	0	29	1009	60274
24-Sep-17 23:00:00	0	29	1008	60274
24-Sep-17 23:30:00	0	29	1008	60274
25-Sep-17 00:00:00	0	29	1007	60274
25-Sep-17 00:30:00	0	29	1006	60274
25-Sep-17 01:00:00	0	29	1006	60274
25-Sep-17 01:30:00	0	29	1005	60274
25-Sep-17 02:00:00	0	29	1004	60274
25-Sep-17 02:30:00	0	30	1004	60274
25-Sep-17 03:00:00	0	30	1003	60274
25-Sep-17 03:30:00	0	30	1002	60274
25-Sep-17 04:00:00	0	30	1002	60274
25-Sep-17 04:30:00	0	30	1001	60274
25-Sep-17 05:00:00	0	30	1001	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
25-Sep-17 05:30:00	0	30	1000	60274
25-Sep-17 06:00:00	0	30	999	60274
25-Sep-17 06:30:00	0	30	999	60274
25-Sep-17 07:00:00	0	30	998	60274
25-Sep-17 07:30:00	0	31	998	60274
25-Sep-17 08:00:00	0	31	997	60274
25-Sep-17 08:30:00	0	31	997	60274
25-Sep-17 09:00:00	0	31	996	60274
25-Sep-17 09:30:00	0	31	995	60274
25-Sep-17 10:00:00	0	31	995	60274
25-Sep-17 10:30:00	0	31	994	60274
25-Sep-17 11:00:00	0	32	993	60274
25-Sep-17 11:30:00	0	32	992	60274
25-Sep-17 12:00:00	0	32	992	60274
25-Sep-17 12:30:00	0	32	992	60274
25-Sep-17 13:00:00	0	33	991	60274
25-Sep-17 13:30:00	0	33	990	60274
25-Sep-17 14:00:00	0	33	990	60274
25-Sep-17 14:30:00	0	33	989	60274
25-Sep-17 15:00:00	0	33	989	60274
25-Sep-17 15:30:00	0	33	988	60274
25-Sep-17 16:00:00	0	34	988	60274
25-Sep-17 16:30:00	0	34	988	60274
25-Sep-17 17:00:00	0	34	987	60274
25-Sep-17 17:30:00	0	34	986	60274
25-Sep-17 18:00:00	0	34	986	60274
25-Sep-17 18:30:00	0	34	985	60274
25-Sep-17 19:00:00	0	34	985	60274
25-Sep-17 19:30:00	0	35	985	60274
25-Sep-17 20:00:00	0	35	984	60274
25-Sep-17 20:30:00	0	35	984	60274
25-Sep-17 21:00:00	0	35	983	60274
25-Sep-17 21:30:00	0	35	983	60274
25-Sep-17 22:00:00	0	35	982	60274
25-Sep-17 22:30:00	0	35	982	60274
25-Sep-17 23:00:00	0	35	982	60274
25-Sep-17 23:30:00	0	35	981	60274
26-Sep-17 00:00:00	0	35	980	60274
26-Sep-17 00:30:00	0	35	980	60274
26-Sep-17 01:00:00	0	35	979	60274
26-Sep-17 01:30:00	0	35	979	60274
26-Sep-17 02:00:00	0	35	979	60274
26-Sep-17 02:30:00	0	35	978	60274
26-Sep-17 03:00:00	0	35	977	60274
26-Sep-17 03:30:00	0	35	977	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
26-Sep-17 04:00:00	0	35	977	60274
26-Sep-17 04:30:00	0	35	976	60274
26-Sep-17 05:00:00	0	36	976	60274
26-Sep-17 05:30:00	0	36	975	60274
26-Sep-17 06:00:00	0	36	975	60274
26-Sep-17 06:30:00	0	36	974	60274
26-Sep-17 07:00:00	0	36	974	60274
26-Sep-17 07:30:00	0	36	974	60274
26-Sep-17 08:00:00	0	36	974	60274
26-Sep-17 08:30:00	0	36	973	60274
26-Sep-17 09:00:00	0	36	972	60274
26-Sep-17 09:30:00	0	36	972	60274
26-Sep-17 10:00:00	0	37	971	60274
26-Sep-17 10:30:00	0	37	971	60274
26-Sep-17 11:00:00	0	37	970	60274
26-Sep-17 11:30:00	0	37	970	60274
26-Sep-17 12:00:00	0	37	970	60274
26-Sep-17 12:30:00	0	37	969	60274
26-Sep-17 13:00:00	0	38	969	60274
26-Sep-17 13:30:00	0	38	969	60274
26-Sep-17 14:00:00	0	38	967	60274
26-Sep-17 14:30:00	0	38	967	60274
26-Sep-17 15:00:00	0	38	967	60274
26-Sep-17 15:30:00	0	39	966	60274
26-Sep-17 16:00:00	0	39	966	60274
26-Sep-17 16:30:00	0	39	965	60274
26-Sep-17 17:00:00	0	39	965	60274
26-Sep-17 17:30:00	0	39	966	60274
26-Sep-17 18:00:00	0	39	964	60274
26-Sep-17 18:30:00	0	39	964	60274
26-Sep-17 19:00:00	0	39	964	60274
26-Sep-17 19:30:00	0	39	964	60274
26-Sep-17 20:00:00	0	39	963	60274
26-Sep-17 20:30:00	0	39	963	60274
26-Sep-17 21:00:00	0	40	963	60274
26-Sep-17 21:30:00	0	40	962	60274
26-Sep-17 22:00:00	0	40	962	60274
26-Sep-17 22:30:00	0	40	961	60274
26-Sep-17 23:00:00	0	40	961	60274
26-Sep-17 23:30:00	0	40	961	60274
27-Sep-17 00:00:00	0	40	960	60274
27-Sep-17 00:30:00	0	40	960	60274
27-Sep-17 01:00:00	0	40	960	60274
27-Sep-17 01:30:00	0	40	959	60274
27-Sep-17 02:00:00	0	40	959	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
27-Sep-17 02:30:00	0	40	958	60274
27-Sep-17 03:00:00	0	40	958	60274
27-Sep-17 03:30:00	0	40	958	60274
27-Sep-17 04:00:00	0	40	957	60274
27-Sep-17 04:30:00	0	40	957	60274
27-Sep-17 05:00:00	0	40	957	60274
27-Sep-17 05:30:00	0	40	956	60274
27-Sep-17 06:00:00	0	40	956	60274
27-Sep-17 06:30:00	0	40	956	60274
27-Sep-17 07:00:00	0	40	955	60274
27-Sep-17 07:30:00	0	41	955	60274
27-Sep-17 08:00:00	0	41	955	60274
27-Sep-17 08:30:00	0	41	955	60274
27-Sep-17 09:00:00	0	41	954	60274
27-Sep-17 09:30:00	0	41	953	60274
27-Sep-17 10:00:00	0	41	953	60274
27-Sep-17 10:30:00	0	41	953	60274
27-Sep-17 11:00:00	0	41	952	60274
27-Sep-17 11:30:00	0	41	952	60274
27-Sep-17 12:00:00	0	42	951	60274
27-Sep-17 12:30:00	0	42	951	60274
27-Sep-17 13:00:00	0	42	951	60274
27-Sep-17 13:30:00	0	42	951	60274
27-Sep-17 14:00:00	0	42	951	60274
27-Sep-17 14:30:00	0	42	950	60274
27-Sep-17 15:00:00	0	42	950	60274
27-Sep-17 15:30:00	0	42	949	60274
27-Sep-17 16:00:00	0	42	949	60274
27-Sep-17 16:30:00	0	42	949	60274
27-Sep-17 17:00:00	0	42	949	60274
27-Sep-17 17:30:00	0	42	948	60274
27-Sep-17 18:00:00	0	42	948	60274
27-Sep-17 18:30:00	0	42	948	60274
27-Sep-17 19:00:00	0	42	947	60274
27-Sep-17 19:30:00	0	42	947	60274
27-Sep-17 20:00:00	0	42	947	60274
27-Sep-17 20:30:00	0	42	946	60274
27-Sep-17 21:00:00	0	42	946	60274
27-Sep-17 21:30:00	0	42	946	60274
27-Sep-17 22:00:00	0	42	945	60274
27-Sep-17 22:30:00	0	43	945	60274
27-Sep-17 23:00:00	0	43	945	60274
27-Sep-17 23:30:00	0	43	944	60274
28-Sep-17 00:00:00	0	43	944	60274
28-Sep-17 00:30:00	0	43	944	60274

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	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
28-Sep-17 01:00:00	0	43	943	60274
28-Sep-17 01:30:00	0	43	943	60274
28-Sep-17 02:00:00	0	43	943	60274
28-Sep-17 02:30:00	0	43	942	60274
28-Sep-17 03:00:00	0	43	942	60274
28-Sep-17 03:30:00	0	43	942	60274
28-Sep-17 04:00:00	0	43	942	60274
28-Sep-17 04:30:00	0	43	941	60274
28-Sep-17 05:00:00	0	43	941	60274
28-Sep-17 05:30:00	0	43	941	60274
28-Sep-17 06:00:00	0	43	940	60274
28-Sep-17 06:30:00	0	44	940	60274
28-Sep-17 07:00:00	0	44	940	60274
28-Sep-17 07:30:00	0	44	940	60274
28-Sep-17 08:00:00	0	44	939	60274
28-Sep-17 08:30:00	0	44	939	60274
28-Sep-17 09:00:00	0	44	939	60274
28-Sep-17 09:30:00	0	44	938	60274
28-Sep-17 10:00:00	0	44	938	60274
28-Sep-17 10:30:00	0	44	938	60274
28-Sep-17 11:00:00	0	45	937	60274
28-Sep-17 11:30:00	0	45	937	60274
28-Sep-17 12:00:00	0	45	937	60274
28-Sep-17 12:30:00	0	45	936	60274
28-Sep-17 13:00:00	0	45	936	60274
28-Sep-17 13:30:00	0	45	935	60274
28-Sep-17 14:00:00	0	45	936	60274
28-Sep-17 14:30:00	0	46	935	60274
28-Sep-17 15:00:00	0	46	935	60274
28-Sep-17 15:30:00	0	46	935	60274
28-Sep-17 16:00:00	0	46	934	60274
28-Sep-17 16:30:00	0	46	933	60274
28-Sep-17 17:00:00	0	46	934	60274
28-Sep-17 17:30:00	0	46	934	60274
28-Sep-17 18:00:00	0	46	933	60274
28-Sep-17 18:30:00	0	46	933	60274
28-Sep-17 19:00:00	0	46	933	60274
28-Sep-17 19:30:00	0	46	933	60274
28-Sep-17 20:00:00	0	46	932	60274
28-Sep-17 20:30:00	0	46	932	60274
28-Sep-17 21:00:00	0	46	932	60274
28-Sep-17 21:30:00	0	46	931	60274
28-Sep-17 22:00:00	0	46	931	60274
28-Sep-17 22:30:00	0	46	931	60274
28-Sep-17 23:00:00	0	46	931	60274

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
28-Sep-17 23:30:00	0	46	930	60274
29-Sep-17 00:00:00	0	46	930	60274
29-Sep-17 00:30:00	0	46	930	60274
29-Sep-17 01:00:00	0	46	929	60274
29-Sep-17 01:30:00	0	46	929	60274
29-Sep-17 02:00:00	0	46	929	60274
29-Sep-17 02:30:00	0	46	929	60274
29-Sep-17 03:00:00	0	47	928	60274
29-Sep-17 03:30:00	0	47	928	60274
29-Sep-17 04:00:00	0	47	928	60274
29-Sep-17 04:30:00	0	47	928	60274
29-Sep-17 05:00:00	0	47	927	60274
29-Sep-17 05:30:00	0	47	927	60274
29-Sep-17 06:00:00	0	47	927	60274
29-Sep-17 06:30:00	0	47	927	60274
29-Sep-17 07:00:00	0	47	926	60274
29-Sep-17 07:30:00	0	47	926	60274
29-Sep-17 08:00:00	0	47	926	60274
29-Sep-17 08:30:00	0	47	926	60274
29-Sep-17 09:00:00	0	47	925	60274
29-Sep-17 09:30:00	0	47	925	60274
29-Sep-17 10:00:00	0	47	925	60274
29-Sep-17 10:30:00	0	47	924	60274
29-Sep-17 11:00:00	0	48	924	60274
29-Sep-17 11:30:00	0	48	924	60274
29-Sep-17 12:00:00	0	48	923	60274
29-Sep-17 12:30:00	0	48	923	60274
29-Sep-17 13:00:00	0	48	923	60274
29-Sep-17 13:30:00	0	48	922	60274
29-Sep-17 14:00:00	0	49	922	60274
29-Sep-17 14:30:00	0	49	922	60274
29-Sep-17 15:00:00	0	49	922	60274
29-Sep-17 15:30:00	0	49	922	60274
29-Sep-17 16:00:00	0	49	922	60274
29-Sep-17 16:30:00	0	49	922	60274
29-Sep-17 17:00:00	0	49	921	60274
29-Sep-17 17:30:00	0	49	921	60274
29-Sep-17 18:00:00	0	49	920	60274
29-Sep-17 18:30:00	0	49	920	60274
29-Sep-17 19:00:00	0	49	920	60274
29-Sep-17 19:30:00	0	49	920	60274
29-Sep-17 20:00:00	0	49	920	60274
29-Sep-17 20:30:00	0	49	919	60274
29-Sep-17 21:00:00	0	49	919	60274
29-Sep-17 21:30:00	0	49	919	60274

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
29-Sep-17 22:00:00	0	49	919	60274
29-Sep-17 22:30:00	0	49	918	60274
29-Sep-17 23:00:00	0	49	918	60274
29-Sep-17 23:30:00	0	49	918	60274
30-Sep-17 00:00:00	0	49	918	60274
30-Sep-17 00:30:00	0	49	918	60274
30-Sep-17 01:00:00	0	49	917	60274
30-Sep-17 01:30:00	0	49	917	60274
30-Sep-17 02:00:00	0	49	917	60274
30-Sep-17 02:30:00	0	49	916	60274
30-Sep-17 03:00:00	0	49	916	60274
30-Sep-17 03:30:00	0	49	916	60274
30-Sep-17 04:00:00	0	49	916	60274
30-Sep-17 04:30:00	0	49	915	60274
30-Sep-17 05:00:00	0	49	915	60274
30-Sep-17 05:30:00	0	49	915	60274
30-Sep-17 06:00:00	0	50	915	60274
30-Sep-17 06:30:00	0	50	915	60274
30-Sep-17 07:00:00	0	50	914	60274
30-Sep-17 07:30:00	0	50	914	60274
30-Sep-17 08:00:00	0	50	914	60274
30-Sep-17 08:30:00	0	50	914	60274
30-Sep-17 09:00:00	0	50	913	60274
30-Sep-17 09:30:00	0	50	913	60274
30-Sep-17 10:00:00	0	50	913	60274
30-Sep-17 10:30:00	0	50	913	60274
30-Sep-17 11:00:00	0	50	912	60274
30-Sep-17 11:30:00	0	50	912	60274
30-Sep-17 12:00:00	0	50	912	60274
30-Sep-17 12:30:00	0	51	911	60274
30-Sep-17 13:00:00	0	51	911	60274
30-Sep-17 13:30:00	0	51	911	60274
30-Sep-17 14:00:00	0	51	911	60274
30-Sep-17 14:30:00	0	51	910	60274
30-Sep-17 15:00:00	0	51	910	60274
30-Sep-17 15:30:00	0	51	910	60274
30-Sep-17 16:00:00	0	51	911	60274
30-Sep-17 16:30:00	0	51	910	60274
30-Sep-17 17:00:00	0	51	910	60274
30-Sep-17 17:30:00	0	51	909	60274
30-Sep-17 18:00:00	0	51	909	60274
30-Sep-17 18:30:00	0	51	909	60274
30-Sep-17 19:00:00	0	51	909	60274
30-Sep-17 19:30:00	0	51	909	60274
30-Sep-17 20:00:00	0	51	908	60274

Injection Well Monthly Reporting Information - July 1, 2017 - September 31, 2017

	Flowrate	Casing Pressure	Injection Pressure	Totalizer
Date and Time	(gpm)	(psi)	(psi)	(bbls)
30-Sep-17 20:30:00	0	51	908	60274
30-Sep-17 21:00:00	0	51	908	60274
30-Sep-17 21:30:00	0	51	907	60274
30-Sep-17 22:00:00	0	51	907	60274
30-Sep-17 22:30:00	0	51	907	60274
30-Sep-17 23:00:00	0	51	907	60274
30-Sep-17 23:30:00	0	51	907	60274
01-Oct-17 00:00:00	0	51	906	60274

Notes:

gpm = gallons per minute

psi = pounds per square inch

bbls = barrels

September 15, 2017

Carl Chavez

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

FedEx Tracking #: **7703 0556 1722** (NMOCD-Santa Fe)
USPS Tracking #: 9114 9011 8986 6534 4422 01 (NMOCD-Aztec)

RE: 2nd Quarter 2017 Injection Well Report
Western Refining Southwest, Inc. – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

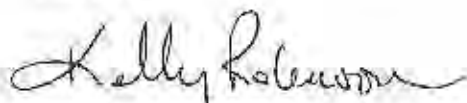
Dear Mr. Chavez:

Western Refining Southwest, Inc. ("Western") is providing a summary of the operational data and integrity testing reports pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between April 1st, 2017 and June 30th, 2017, which includes the following:

- Attachment A: Up-dated 2017 Quarterly Injection Well Table;
- Attachment B: Analytical summary of quarterly samples collected in June 2017;
- Attachment C: Copy of quarterly analytical report;
- Attachment D: Summary of Well Operational Logs
- Attachment E: Integrity Test Reports

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or kelly.robinson@andearor.com.

Sincerely,

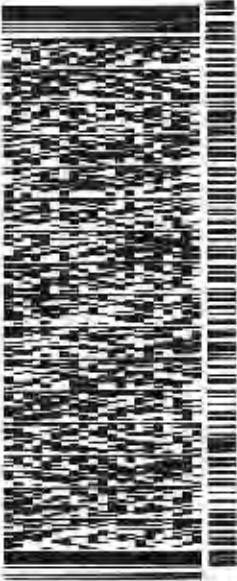


Kelly R. Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

Cc: Randy Schmaltz (WNR)
B. Powell (NMOCD-Aztec)

ORIGIN ID: FAMA (505) 632-4166 KELLY ROBINSON WESTERN REFINING 111 DR 4990 BLOOMFIELD, NM 87413 UNITED STATES US	SHIP DATE: 20SEP17 ACTWGHT: 2.00 LB CAD: 512017210173920 BILL SENDER
TO: CARL CHAVEZ NEW MEXICO OIL CONSERVATION DIV. 1220 S SAINT FRANCIS DR ENVIRONMENTAL BUREAU SANTA FE NM 87505 (505) 476-3467 NM	

TRK# 7703 0556 1722 9A SAFA NM-US ABQ 87505	THU - 21 SEP 3:00P STANDARD OVERNIGHT
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ATTACHMENT A
Quarterly Injection Well Report

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL

P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT

DISCHARGE PERMIT UCL-011 (WDW 42)

U.L. H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2015	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWT (GALLONS)	TOTAL AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNUAL PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	631	2,535,000	0	744	-	-	-	-	-	-	-	-	-
FEB	0	1,017,000	0	672	-	-	-	-	-	-	-	-	-
MAR	0	969,000	704,880	554	1,451	0	1,103	49	0	14	67	0	14
APR	0	559,000	1,319	212	1,304	774	1,011	45	3	29	47	1	13
MAY	53,278	589,000	18,858	720	1,392	782	959	44	3	23	51	2	13
JUN	3,238	920,000	764,580	233	1,327	565	1,067	103	5	7	75	5	29
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													

The total amount injected in 2015 is: 1,010,537 gallons

DATE: 7-5-2017

NOTE: Well officially brought on-line full-time March 6, 2017.

ATTACHMENT B
2017 Quarterly Analytical Summary

Injection Well 2017 Quarterly Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter 3/31/2017	2nd Quarter 6/22/2017
Volatile Organic Compounds (ug/L)					
D029	1,1-Dichloroethene	700	5	< 5.0	< 5.0
D028	1,2-Dichloroethane (EDC)	500	10	< 5.0	< 5.0
D027	1,4-Dichlorobenzene	7,500		< 5.0	< 5.0
D035	2-Butanone (MEK)	200,000		60	< 50
D018	Benzene	500	10	< 5.0	< 5.0
D019	Carbon Tetrachloride	500	10	< 5.0	< 5.0
D021	Chlorobenzene	100,000		< 5.0	< 5.0
D022	Chloroform	6000	100	< 5.0	< 5.0
D033	Hexachlorobutadiene	500		< 5.0	< 5.0
D039	Tetrachloroethene (PCE)	700	20	< 5.0	< 5.0
D040	Trichloroethene (TCE)	500	100	< 5.0	< 5.0
D043	Vinyl chloride	200	1	< 5.0	< 5.0
Semi-Volatile Organic Compounds (ug/L)					
D027	1,4-Dichlorobenzene	7,500		< 10	< 10
D041	2,4,5-Trichlorophenol	400		< 10	< 10
D042	2,4,6-Trichlorophenol	2,000		< 10	< 10
D030	2,4-Dinitrotoluene	130		< 10	< 10
D023	2-Methylphenol (o-Cresol)	200		< 10	< 10
D024, D025	3-4-Methylphenol (m, p-Cresol)	200		< 10	< 10
D032	Hexachlorobenzene	130		< 10	< 10
D033	Hexachlorobutadiene	500		< 10	< 10
D034	Hexachloroethane	3,000		< 10	< 10
D036	Nitrobenzene	2,000		< 10	< 10
D037	Pentachlorophenol	100,000		< 20	< 20
D038	Pyridine	5,000		< 10	< 10
General Chemistry (mg/L, unless otherwise stated)					
Specific Conductance (umhos/cm)				2200	2400
Bromide				1.7	2
Chloride			250 *	410	470
Fluoride				<0.050	<0.050
Nitrate - Nitrite as N				<1.0	<0.050
Phosphorus, Orthophosphate (As P)				<2.5	< 2.5
Sulfate			600 *	59	69
Total Dissolved Solids			10,000	1470	1540
pH (pH Units)				7.32	7.5
Bicarbonate (As CaCO3)				415	504.7
Carbonate (As CaCO3)				<2.0	<2.0
Total Alkalinity (as CaCO3)				415	504.7
Oxidation-Reduction Potential (mV)				184	na
Specific Gravity				0.9991	1.001

Injection Well 2017 Quarterly Analytical Summary

	Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter
Total Metals (mg/L)				
D004 Arsenic	5.0		< 0.020	< 0.020
D005 Barium	100		0.34	0.35
D006 Cadmium	1.0		< 0.0020	< 0.0020
Calcium			100	110
D007 Chromium	5.0		< 0.0060	< 0.0060
D008 Lead	5.0		< 0.0050	0.0063
Magnesium			26	33
Potassium			8.4	10
D010 Selenium	1.0		< 0.050	< 0.050
D011 Silver	5.0		< 0.0050	< 0.0050
Sodium			340	430
D009 Mercury	0.2	0.002	< 0.00020	0.00024
Dissolved Metals (mg/L)				
Calcium		0.01	100	84
Magnesium			26	32
Potassium			8.1	9.9
Sodium			330	370
Ignitability, Corrosivity, and Reactivity				
D003 Reactive Cyanide (mg/L)			< 0.0500	< 0.00500
D003 Reactive Sulfide (mg/L)			< 20	0.099
D001 Ignitability (°F)	< 140° F		> 170	> 170
D002 Corrosivity (pH Units)	< 2 or > 12.5	6-9	7.32	7.5
Pesticides (ug/L)				
Chlordane	30		na	< 5.0
Field Parameters				
Oxidation-Reduction Potential (mV)			67.3	-155.7
Specific Conductance (umhos/cm)			2,161	1,838
pH			8.26	7.62
Temperature (°C)			21.7	31.5

Notes:

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

APPENDIX C

Analytical Laboratory Report



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4307
Website: www.hallenvironmental.com

July 28, 2017

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX

RE: Injection Well 6-22-17

Order No.: 1706118

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 6/23/2017 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 -- NMRTD-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SPECIFIC GRAVITY							Analyst: JRR
Specific Gravity	1.001	0			1	6/28/2017 1:27:00 PM	R43862
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	0.50		mg/L	5	6/23/2017 9:59:34 PM	R43753
Chloride	470	25	*	mg/L	50	7/9/2017 1:44:56 PM	R44088
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	6/23/2017 9:59:34 PM	R43753
Bromide	2.0	0.50		mg/L	5	6/23/2017 9:59:34 PM	R43753
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	6/23/2017 9:59:34 PM	R43753
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	6/23/2017 9:59:34 PM	R43753
Sulfate	69	2.5		mg/L	5	6/23/2017 9:59:34 PM	R43753
SM2510B: SPECIFIC CONDUCTANCE							Analyst: JRR
Conductivity	2400	5.0		µmhos/cm	1	6/28/2017 5:27:10 PM	R43890
SM2320B: ALKALINITY							Analyst: JRR
Bicarbonate (As CaCO ₃)	504.7	20.00		mg/L CaCO ₃	1	6/28/2017 5:27:10 PM	R43890
Carbonate (As CaCO ₃)	ND	2.000		mg/L CaCO ₃	1	6/28/2017 5:27:10 PM	R43890
Total Alkalinity (as CaCO ₃)	504.7	20.00		mg/L CaCO ₃	1	6/28/2017 5:27:10 PM	R43890
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	1540	10.0	*D	mg/L	1	6/27/2017 7:58:00 PM	32502
EPA METHOD 7470: MERCURY							Analyst: MED
Mercury	0.00024	0.00020		mg/L	1	7/12/2017 2:13:50 PM	32750
EPA METHOD 6010B: DISSOLVED METALS							Analyst: MED
Calcium	84	1.0		mg/L	1	7/6/2017 1:15:37 PM	A44027
Magnesium	32	1.0		mg/L	1	7/6/2017 1:15:37 PM	A44027
Potassium	9.8	1.0		mg/L	1	7/6/2017 1:15:37 PM	A44027
Sodium	370	5.0		mg/L	5	7/6/2017 1:17:03 PM	A44027
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: pmf
Arsenic	ND	0.020		mg/L	1	7/10/2017 4:47:53 PM	32492
Barium	0.35	0.020		mg/L	1	7/10/2017 4:47:53 PM	32492
Cadmium	ND	0.0020		mg/L	1	7/10/2017 4:47:53 PM	32492
Calcium	110	5.0		mg/L	5	7/10/2017 4:54:20 PM	32492
Chromium	ND	0.0060		mg/L	1	7/10/2017 4:47:53 PM	32492
Lead	0.0063	0.0050		mg/L	1	7/10/2017 4:47:53 PM	32492
Magnesium	33	1.0		mg/L	1	7/10/2017 4:47:53 PM	32492
Potassium	10	1.0		mg/L	1	7/10/2017 4:47:53 PM	32492
Selenium	ND	0.050		mg/L	1	7/10/2017 6:31:07 PM	32492
Silver	ND	0.0050		mg/L	1	7/10/2017 4:47:53 PM	32492
Sodium	430	10		mg/L	10	7/10/2017 6:36:45 PM	32492

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 Value above quantitation range
	H Holding times for preparation or analysis exceeded	I Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES							Analyst: MAB
4,4'-DDT	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
4,4'-DDE	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
4,4'-DDT	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Aldrin	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
alpha-BHC	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
beta-BHC	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Chlordane	ND	5.0		µg/L	1	7/1/2017 2:37:16 PM	32507
delta-BHC	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Dieldrin	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Endosulfan I	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Endosulfan II	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Endosulfan sulfate	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Endrin	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Endrin aldehyde	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
gamma-BHC	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Heptachlor	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Heptachlor epoxide	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Methoxychlor	ND	0.25		µg/L	1	7/1/2017 2:37:16 PM	32507
Toxaphene	ND	5.0		µg/L	1	7/1/2017 2:37:16 PM	32507
Surr: Decachlorobiphenyl	66.6	36.8-113		%Rec	1	7/1/2017 2:37:16 PM	32507
Surr: Tetrachloro-m-xylene	67.3	34.7-105		%Rec	1	7/1/2017 2:37:16 PM	32507

EPA METHOD 8270C: SEMIVOLATILES

Analyst: JDC

Acenaphthene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Acenaphthylene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Aniline	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Anthracene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Azobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benz(a)anthracene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzo(a)pyrene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzo(b)fluoranthene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzo(g,h,i)perylene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzo(k)fluoranthene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzoic acid	40	20	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Benzyl alcohol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Bis(2-chloroethoxy)methane	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Bis(2-chloroethyl)ether	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Bis(2-chloroisopropyl)ether	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Di(2-ethylhexyl)phthalate	47	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Bromophenyl phenyl ether	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582

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 Value above quantitation range
	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 Quantitation Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limits as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: JDC
Butyl benzyl phthalate	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Carbazole	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Chloro-3-methylphenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Chloroaniline	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Chloronaphthalene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Chlorophenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Chlorophenyl phenyl ether	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Chrysene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Di-n-butyl phthalate	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Di-n-octyl phthalate	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Dibenz(a,h)anthracene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Dibenzofuran	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
1,2-Dichlorobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
1,3-Dichlorobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
1,4-Dichlorobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
3,3'-Dichlorobenzidine	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Diethyl phthalate	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Dimethyl phthalate	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4-Dichlorophenol	ND	20	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4-Dimethylphenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4,6-Dinitro-2-methylphenol	ND	20	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4-Dinitrophenol	ND	20	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4-Dinitrotoluene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,6-Dinitrotoluene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Fluoranthene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Fluorene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Hexachlorobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Hexachlorobutadiene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Hexachlorocyclopentadiene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Hexachloroethane	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Indeno(1,2,3-cd)pyrene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Isophorone	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
1-Methylnaphthalene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Methylnaphthalene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Methylphenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
3+4-Methylphenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
N-Nitrosodimethylamine	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
N-Nitrosodiphenylamine	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level	D	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	F	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DE	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: JDC
Naphthalene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Nitroaniline	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
3-Nitroaniline	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Nitroaniline	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Nitrobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2-Nitrophenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
4-Nitrophenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Pentachlorophenol	ND	20	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Phenanthrene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Phenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Pyrene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Pyridine	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
1,2,4-Trichlorobenzene	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4,6-Trichlorophenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
2,4,8-Trichlorophenol	ND	10	H	µg/L	1	7/8/2017 8:16:53 AM	32582
Sum: 2-Fluorophenol	28.8	15-98.1	H	%Rec	1	7/8/2017 8:16:53 AM	32582
Sum: Phenol-d5	25.4	15-80.7	H	%Rec	1	7/8/2017 8:16:53 AM	32582
Sum: 2,4,6-Tribromophenol	43.8	15-112	H	%Rec	1	7/8/2017 8:16:53 AM	32582
Sum: Nitrobenzene-d5	47.0	27.2-90.7	H	%Rec	1	7/8/2017 8:16:53 AM	32582
Sum: 2-Fluorobiphenyl	29.6	23.3-85.6	H	%Rec	1	7/8/2017 8:16:53 AM	32582
Sum: 4-Terphenyl-d14	25.7	27.6-107	H	%Rec	1	7/8/2017 8:16:53 AM	32582

EPA METHOD 8260B: VOLATILES

Analyst: RAA

Benzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Toluene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Ethylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Methyl tert-butyl ether (MTBE)	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2,4-Trimethylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,3,5-Trimethylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2-Dichloroethane (EDC)	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2-Dibromoethane (EDB)	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Naphthalene	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1-Methylnaphthalene	ND	20	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
2-Methylnaphthalene	ND	20	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Acetone	ND	50	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Bromobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Bromodichloromethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Bromoform	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Bromomethane	ND	15	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
2-Butanone	ND	50	D	µg/L	5	6/26/2017 4:15:00 PM	R43806

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 Value above quantitation range
	II Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Carbon disulfide	ND	50	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Carbon Tetrachloride	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Chlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Chloroethane	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Chloroform	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Chloromethane	ND	15	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
2-Chlorotoluene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
4-Chlorotoluene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
cis-1,2-DCF	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
cis-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2-Dibromo-3-chloropropane	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Dibromochloromethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Dibromomethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2-Dichlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,3-Dichlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,4-Dichlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Dichlorodifluoromethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,1-Dichloroethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,1-Dichloromethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,2-Dichloropropane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,3-Dichloropropane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
2,2-Dichloropropane	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,1-Dichloropropene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Hexachlorobutadiene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
2-Hexanone	ND	50	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Isopropylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
4-Isopropyltoluene	14	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
4-Methyl-2-pentanone	ND	50	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Methylene Chloride	ND	15	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
n-Butylbenzene	ND	15	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
n-Propylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
sec-Butylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Styrene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
tert-Butylbenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,1,1,2-Tetrachloroethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
1,1,2,2-Tetrachloroethane	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
Tetrachloroethene (PCE)	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
trans-1,2-DCE	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806
trans-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43806

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	Value above quantitation range
	II Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL Practical Quantitative Limit	RL	Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well 6-22-17

Collection Date: 6/22/2017 9:00:00 AM

Lab ID: 1706D18-001

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,2,3-Trichlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
1,2,4-Trichlorobenzene	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
1,1,1-Trichloroethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
1,1,2-Trichloroethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
Trichloroethene (TCE)	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
Trichlorofluoromethane	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
1,2,3-Trichloropropane	ND	10	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
Vinyl chloride	ND	5.0	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
Xylenes, Total	9.6	7.5	D	µg/L	5	6/26/2017 4:15:00 PM	R43808
Surr: 1,2-Dichloroethane-d4	93.3	70-130	D	%Rec	5	6/26/2017 4:15:00 PM	R43808
Surr: 4-Bromofluorobenzene	97.5	70-130	D	%Rec	5	6/26/2017 4:15:00 PM	R43808
Surr: Dibromofluoromethane	105	70-130	D	%Rec	5	6/26/2017 4:15:00 PM	R43808
Surr: Toluene-d8	90.7	70-130	D	%Rec	5	6/26/2017 4:15:00 PM	R43808

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 Value above quantitation range
	II Holding Gases for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RJ Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Trip Blank

Project: Injection Well G-22-17

Collection Date:

Lab ID: 1706D18-002

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Toluene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Ethylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Naphthalene	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1-Methylnaphthalene	ND	4.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
2-Methylnaphthalene	ND	4.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Acetone	ND	10		µg/L	1	6/26/2017 5:28:00 PM	R43806
Bromobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Bromodichloromethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Bromoform	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Bromomethane	ND	3.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
2-Butanone	ND	10		µg/L	1	6/26/2017 5:28:00 PM	R43806
Carbon disulfide	ND	10		µg/L	1	6/26/2017 5:28:00 PM	R43806
Carbon Tetrachloride	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Chlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Chloroethane	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Chloroform	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Chloromethane	ND	3.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
2-Chlorotoluene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
4-Chlorotoluene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
cis-1,2-DCE	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Dibromochloromethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Dibromomethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1-Dichloroethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1-Dichloroethene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2-Dichloropropane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,3-Dichloropropane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
2,2-Dichloropropane	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806

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	Value above quantitation range
	II Holding times for preservation or analysis exceeded	J	Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL Practical Quantitative Limit	RL	Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1706D18

Date Reported: 7/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Trip Blank

Project: Injection Well 6-22-17

Collection Date:

Lab ID: 1706D18-002

Matrix: AQUEOUS

Received Date: 6/23/2017 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: RAA
1,1-Dichloropropane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Hexachlorobutadiene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
2-Hexanone	ND	10		µg/L	1	6/26/2017 5:28:00 PM	R43806
Isopropylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
4-Isopropyltoluene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
4-Methyl-2-pentanone	ND	10		µg/L	1	6/26/2017 5:28:00 PM	R43806
Methylene Chloride	ND	3.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
n-Butylbenzene	ND	3.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
n-Propylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
sec-Butylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Styrene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
tert-Butylbenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
trans-1,2-DCE	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Trichloroethene (TCF)	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Trichlorofluoromethane	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
1,2,3-Trichloropropene	ND	2.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Vinyl chloride	ND	1.0		µg/L	1	6/26/2017 5:28:00 PM	R43806
Xylenes, Total	ND	1.5		µg/L	1	6/26/2017 5:28:00 PM	R43806
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	6/26/2017 5:28:00 PM	R43806
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/26/2017 5:28:00 PM	R43806
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/26/2017 5:28:00 PM	R43806
Surr: Toluene-d8	88.7	70-130		%Rec	1	6/26/2017 5:28:00 PM	R43806

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	F Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not in Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

1706D18-001G INJECTION WELL

SAMPLE RESULTS - 01

ONE LAB, NATIONWIDE



Collected date/time: 06/22/17 09:00

L918788

Wet Chemistry by Method 4500 CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	06/29/2017 19:47	WG994469

Wet Chemistry by Method 9034-9030B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	0.0990		0.0500	1	06/28/2017 00:00	WG993615

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Corrosivity by pH	7.50	Ts	1	06/27/2017 15:55	WG992223

Sample Narrative:

L918788-01 WG992223: 7.50 at 10.5c

Wet Chemistry by Method D931010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint:	DNF at 170		1	06/28/2017 15:32	WG993563



WG994469

Wet Chemistry by Method 4500 CN E-2011

QUALITY CONTROL SUMMARY

L918788-01

ONE LAB. NATIONWIDE

Method Blank (w/B)

(MB) R3230010-1 06/29/17 19:22

MB Result	MB Qualifier	MB RDL	MB RDL
mg/L	mg/L	mg/L	mg/L
J	0.0018	0.00500	

Analyte

Reactive Cyanide

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

(LCS) R3230010-2 06/29/17 19:23 (LCSD) R3230010-3 06/29/17 19:24

Spiked Amount	LCS Result	LCSD Result	LCS Rec	LCSD Rec	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
mg/L	mg/L	mg/L	%	%	%	%	%	%	%
0.100	0.107	0.103	107	103	85-115	0.05	0.05	2	20

Analyte

Reactive Cyanide

ACCOUNT:

Hall Environmental Analytical Laboratory

PROJECT:

SDS:

L918788

DATE/TIME:

07/06/17 15:54

WG993615

Wet Chemistry by Method 9034-90309

QUALITY CONTROL SUMMARY

LS18789-01

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3229272-1 06/27/17 25:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U		0.0065	0.0500

5

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

(LCS) R3229272-2 06/27/17 23:59 • (LCSD) R3229272-3 06/27/17 23:59

Analyte	Spiked Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Reactive Sulfide	0.500	0.512	0.507	102	101	85-115			1	20

1

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SDG:
1918790

DATE/TIME:
09/05/17 13:54

WG992223

Wat Chemistry by Method 9040C

QUALITY CONTROL SUMMARY

L918788-01

ONE LAB. NATIONWIDE.

L918000-04 Original Sample (OS) • Duplicate (DUP)

(OS) L918000-04 06/27/17 15:55 • (DUP) WG992223-3 06/27/17 15:55

Analyte	Original Result		DUP Result		DUP RPD		DUP Qualifier		DUP RPD Limits	
	su	7.34	su	7.35	1	0.26	1B	1	%	1
Conductivity by pH										

Sample Narrative:

OS: 7.34 at 12.1c

DUP: 7.35 at 12.2c

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCS-D)

(LCS) WG992223-1 06/27/17 15:55 • (LCS-D) WG992223-2 06/27/17 15:55

Analyte	Spiked Amount		LCS Result		LCS-D Result		LCS Rec.		Rec. Limits		LCS Qualifier		LCS-D Qualifier		RPD		RPD Limits	
	su	6.38	su	6.23	su	6.33	%	99.2	%	96.4-102	%	95.2	%	0.003	%	1	%	1
Conductivity by pH																		

Sample Narrative:

LCS: 6.33 at 21.0c

LCS-D: 6.33 at 21.1c

ACCOUNT:
Hall Environmental Analysis Laboratory

PROJECT:

SPID:
L918788

DATE/TIME:
07/05/17 13:54

WG993569

Wet Chemistry by Method D93/1010A

QUALITY CONTROL SUMMARY

L918788-01

DRE LAB. NATIONWIDE.

L918834-03 Original Sample (OS) • Duplicate (DUP)

(OS) L918834-03 06/28/17 15:32 • (DUP) R3229525-3 06/28/17 15:32

Analyte	Original Result deg F	DUP Result deg F	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Flashpoint	DNF at 70	DNF at 70	1	0.000		10

L918834-07 Original Sample (OS) • Duplicate (DUP)

(OS) L918834-07 06/28/17 15:32 • (DUP) R3229525-4 06/28/17 15:32

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) R3229525-1 06/28/17 15:32 • (LCSD) R3229525-2 06/28/17 15:32

Analyte	Sample 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	82.0	75.7	80.7	97.0	98.0	25.0-104			100	70

ACCOUNT:

Hill Environmental Analysis Laboratory

PROJECT:

SDG:

L918788

DATE/TIME:

07/05/17 13:54

GLOSSARY OF TERMS

ONELAB, NATIONWIDE



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
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.
Rec.	Recovery.

Qualifier Description

T8	Sample(s) received past/too close to holding time expiration.
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¹Ep

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID	MB	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	R43753	RunNo:	43753					
Prep Date:		Analysis Date:	6/23/2017	SeqNo:	1379275	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: R43753		RunNo: 43753							
Prep Date:	Analysis Date: 6/23/2017		SeqNo: 1379276		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.54	0.10	0.5000	0	109	80	110			
Nitrogen, Nitrite (As N)	0.98	0.10	1.000	0	97.5	80	110			
Bromide	2.5	0.10	2.500	0	99.1	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Phosphorus, Orthophosphate (As P	5.0	0.50	5.000	0	99.1	90	110			
Sulfate	9.8	0.50	10.00	0	98.2	90	110			

Sample ID: MB	SampType: mbk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R44088	RunNo: 44088								
Prep Date:	Analysis Date: 7/9/2017	SeqNo: 1391240 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: R44088	RunNo: 44088								
Prep Date:	Analysis Date: 7/9/2017	SeqNo: 1391241 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	94.8	90	110			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: LCS-32507	Sample Type: LCS	Test Code: EPA Method 8081: PESTICIDES								
Client ID: LCSW	Batch ID: 32507	Run No: 43950								
Prep Date: 6/27/2017	Analysis Date: 7/1/2017	Seq No: 1385335 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.41	0.050	0.5000	0	81.2	45.7	118			
4,4'-DDE	0.40	0.050	0.5000	0	79.2	44.2	117			
4,4'-DDT	0.46	0.050	0.5000	0	92.6	44.5	115			
Aldrin	0.35	0.050	0.5000	0	69.2	27	124			
alpha-BHC	0.48	0.050	0.5000	0	96.8	19.7	132			
beta-BHC	0.43	0.050	0.5000	0	85.6	20.9	140			
delta-BHC	0.44	0.050	0.5000	0	87.0	27.4	132			
Dieldrin	0.48	0.050	0.5000	0	91.6	44	118			
Endosulfan I	0.40	0.050	0.5000	0	80.8	34.4	116			
Endosulfan II	0.42	0.050	0.5000	0	83.8	38.4	114			
Endosulfan sulfate	0.44	0.050	0.5000	0	87.0	29.3	127			
Endrin	0.46	0.050	0.5000	0	93.0	40.5	120			
Endrin aldehyde	0.45	0.050	0.5000	0	90.0	22.9	129			
gamma-BHC	0.48	0.050	0.5000	0	95.4	24.4	132			
Heptachlor	0.39	0.050	0.5000	0	78.8	31.7	125			
Heptachlor epoxide	0.45	0.050	0.5000	0	89.2	36.6	121			
Methoxychlor	0.49	0.050	0.5000	0	97.6	42.3	129			
Sum: Decachlorobiphenyl	2.4		2.500		85.1	30.8	113			
Sum: Tetrachloro-m-xylene	2.1		2.500		82.2	34.7	105			

Sample ID: LCS02-32507	SampleType: LCS02	TestCode: EPA Method 8081: PESTICIDES								
Client ID: LCS02	Batch ID: 32507	RunNo: 43950								
Prep Date: 6/27/2017	Analysis Date: 7/1/2017	SeqNo: 1385338 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.35	0.050	0.5000	0	69.4	45.7	118	15.7	29.2	
4,4'-DDE	0.36	0.050	0.5000	0	72.2	44.2	117	9.25	20.2	
4,4'-DDT	0.38	0.050	0.5000	0	75.6	44.5	115	20.2	32.9	
Aldrin	0.32	0.050	0.5000	0	63.6	27	124	8.43	31.2	
alpha-BHC	0.41	0.050	0.5000	0	82.6	19.7	132	15.8	36	
beta-BHC	0.33	0.050	0.5000	0	66.8	20.9	146	24.7	27.7	
delta-BHC	0.38	0.050	0.5000	0	71.0	27.4	132	20.3	34.3	
Dieldrin	0.37	0.050	0.5000	0	74.8	44	118	20.5	30.5	
Endosulfan I	0.34	0.050	0.5000	0	68.8	34.4	116	18.0	29.5	
Endosulfan II	0.35	0.050	0.5000	0	70.8	38.4	114	18.0	29.8	
Endosulfan sulfate	0.34	0.050	0.5000	0	69.0	29.3	127	23.1	31.2	
Endrin	0.39	0.050	0.5000	0	78.6	40.5	120	18.8	30.6	
Endrin aldehyde	0.36	0.050	0.5000	0	71.2	22.9	129	23.3	28.6	
gamma-BHC	0.40	0.050	0.5000	0	80.6	24.4	132	16.8	33.9	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RI Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: LCSD-32507	SampType: LCSD	TestCode: EPA Method 8081: PESTICIDES								
Client ID: LCSS02	Batch ID: 32507	RunNo: 43950								
Prep Date: 6/27/2017	Analysis Date: 7/1/2017	SeqNo: 1385338 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Heptachlor	0.35	0.050	0.5000	0	70.4	31.7	125	11.3	32.7	
Heptachlor epoxide	0.38	0.050	0.5000	0	75.8	36.6	121	16.2	30.5	
Methoxychlor	0.38	0.050	0.5000	0	75.8	42.3	120	25.1	28.9	
Sum: Decachlorobiphenyl	2.0		2.500		78.3	38.8	113	0	20	
Sum: Tetrachloro-m-xylene	1.8		2.500		71.3	34.7	105	0	20	

Sample ID: MB-32507	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES								
Client ID: PBW	Batch ID: 32507	RunNo: 43950								
Prep Date: 6/27/2017	Analysis Date: 7/1/2017	SeqNo: 1385337 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDE	ND	0.050								
4,4'-DDE	ND	0.050								
4,4'-DDT	ND	0.050								
Aldrin	ND	0.050								
alpha-BHC	ND	0.050								
beta-BHC	ND	0.050								
Chlordane	ND	1.0								
delta-BHC	ND	0.050								
Dieldrin	ND	0.050								
Endosulfan I	ND	0.050								
Endosulfan II	ND	0.050								
Endosulfan sulfate	ND	0.050								
Endrin	ND	0.050								
Endrin aldehyde	ND	0.050								
gamma-BHC	ND	0.050								
Heptachlor	ND	0.050								
Heptachlor epoxide	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	1.0								
Sum: Decachlorobiphenyl	2.0		2.500		81.8	38.8	113			
Sum: Tetrachloro-m-xylene	2.0		2.500		78.0	34.7	105			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limits as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: 100mg LCS	SampType: LCS4	TestCode: EPA Method 8260B: VOLATILES								
Client ID: BatchQC	Batch ID: R43806	RunNo: 43806								
Prep Date:	Analysis Date: 6/28/2017	SeqNo: 1380054 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	109	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Ethylbenzene	20	1.0	20.00	0	102	70	130			
Methyl tert butyl ether (MTBE)	41	1.0	40.00	0	104	70	130			
1,2,4-Trimethylbenzene	18	1.0	20.00	0	90.7	70	130			
1,3,5-Trimethylbenzene	18	1.0	20.00	0	88.7	70	130			
1,2-Dichloroethane (EDC)	21	1.0	20.00	0	103	62.2	143			
1,2-Dibromoethane (EDB)	19	1.0	20.00	0	97.5	70	130			
Naphthalene	16	2.0	20.00	0	80.6	70	130			
1-Methylnaphthalene	16	4.0	20.00	0	82.5	60	140			
2-Methylnaphthalene	12	4.0	20.00	0	62.2	60	140			
Acetone	42	10	40.00	0	105	60	140			
Bromobenzene	18	1.0	20.00	0	92.2	70	130			
Bromodichloromethane	22	1.0	20.00	0	111	70	130			
Bromoform	20	1.0	20.00	0	100	70	130			
Bromomethane	22	3.0	20.00	0	110	60	140			
2-Butanone	49	10	40.00	0	123	60	140			
Carbon disulfide	41	10	40.00	0	103	03	140			
Carbon Tetrachloride	22	1.0	20.00	0	110	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
Chloroethane	21	2.0	20.00	0	106	60	140			
Chloroform	22	1.0	20.00	0	111	70	130			
Chloromethane	18	3.0	20.00	0	91.8	60	140			
2-Chlorotoluene	18	1.0	20.00	0	89.2	70	130			
4-Chlorotoluene	18	1.0	20.00	0	89.1	70	130			
cis-1,2-DCE	23	1.0	20.00	0	113	70	130			
cis-1,3-Dichloropropene	20	1.0	20.00	0	98.2	70	130			
1,2-Dibromo-3-chloropropene	17	2.0	20.00	0	87.1	70	130			
Dibromochloromethane	19	1.0	20.00	0	94.8	70	130			
Dibromomethane	22	1.0	20.00	0	100	70	130			
1,2-Dichlorobenzene	18	1.0	20.00	0	89.2	70	130			
1,3-Dichlorobenzene	18	1.0	20.00	0	91.3	70	130			
1,4-Dichlorobenzene	18	1.0	20.00	0	91.2	67.2	141			
Dichlorodifluoroethane	19	1.0	20.00	0	96.2	60	140			
1,1-Dichloroethane	21	1.0	20.00	0	105	52.6	157			
1,1-Dichloroethane	21	1.0	20.00	0	106	70	130			
1,2-Dichloropropane	21	1.0	20.00	0	105	83.7	138			
1,3-Dichloropropane	19	1.0	20.00	0	96.4	70	130			
2,2-Dichloropropane	22	2.0	20.00	0	109	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | B Value above quantitation range |
| II Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706018

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: 100ng 1cs	SampType: LCS4		TestCode: EPA Method 8260B: VOLATILES							
Client ID: BatchQC	Batch ID: R43806		RunNo: 43806							
Prep Date:	Analysis Date: 6/26/2017		SeqNo: 1380054		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethane	21	1.0	20.00	0	107	70	130			
Hexachlorobutadiene	16	1.0	20.00	0	78.2	70	130			
2,4-Dioxane	37	10	40.00	0	93.6	60	140			
Isopropylbenzene	20	1.0	20.00	0	101	70	130			
4-Isopropyltoluene	18	1.0	20.00	0	91.3	70	130			
4-Methyl-2-pentanone	40	10	40.00	0	100	60	140			
Methylene Chloride	22	3.0	20.00	0	108	70	130			
n-Butylbenzene	17	3.0	20.00	0	84.0	70	130			
n-Propylbenzene	18	1.0	20.00	0	88.3	70	130			
sec-Butylbenzene	17	1.0	20.00	0	86.6	70	130			
Styrene	20	1.0	20.00	0	101	70	130			
tert-Butylbenzene	18	1.0	20.00	0	89.2	70	130			
1,1,1,2-Tetrachloroethane	20	1.0	20.00	0	101	70	130			
1,1,2,2-Tetrachloroethane	18	2.0	20.00	0	91.4	65.9	133			
Tetrachloroethene (PCE)	21	1.0	20.00	0	108	70	130			
trans-1,2-DCE	22	1.0	20.00	0	108	70	130			
trans-1,3-Dichloropropene	18	1.0	20.00	0	88.4	70	130			
1,2,3-Trichlorobenzene	16	1.0	20.00	0	82.3	70	130			
1,2,4-Trichlorobenzene	16	1.0	20.00	0	80.9	70	130			
1,1,1-Trichloroethane	22	1.0	20.00	0	109	70	130			
1,1,2-Trichloroethane	18	1.0	20.00	0	96.8	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	106	70	130			
Trichlorofluoromethane	21	1.0	20.00	0	107	70	130			
1,2,3-Trichloropropane	18	2.0	20.00	0	82.1	69.7	129			
Vinyl chloride	20	1.0	20.00	0	100	70	130			
Xylenes, Total	60	1.5	60.00	0	101	70	130			
Sur: 1,2-Dichloromethane-d4	8.8		10.00		85.5	70	130			
Sur: 4-Bromofluorobenzene	10		10.00		101	70	130			
Sur: Dibromofluoromethane	10		10.00		103	70	130			
Sur: Trifluoro-d8	9.6		10.00		96.0	70	130			

Sample ID: RB										
SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW			Batch ID: R43806			RunNo: 43806				
Prep Date:			Analysis Date: 6/26/2017			SeqNo: 1380057		Units: µg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- K Value above quantitation range
- L Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706018

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID	RB	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES							
Client ID:	PBW	Batch ID: R43806	RepNo: 43806							
Prep Date:		Analysis Date: 6/26/2017	SeqNo: 1380057 Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromochloroethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoforn	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCP	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: RB	Sample Type: MBLK	Test Code: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R43806	Run No: 43806								
Prep Date:	Analysis Date: 6/26/2017	Seq No: 1380057 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	1.0								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethane (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropene	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Sum: 1,2-Dichloroethane-d4	9.2		10.00		92.3	70	130			
Sum: 4-Bromofluorobenzene	10		10.00		101	70	130			
Sum: Dibromochloromethane	11		10.00		107	70	130			
Sum: Toluene-d8	9.2		10.00		92.0	70	130			

Sample ID: 1706d18-001ams	Sample Type: MS	Test Code: EPA Method 8260B: VOLATILES								
Client ID: Injection Well	Batch ID: R43806	Run No: 43806								
Prep Date:	Analysis Date: 6/26/2017	Seq No: 1380063 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	120	5.0	100.0	0	120	70	130			
Toluene	100	5.0	100.0	0.4700	102	70	130			
Chlorobenzene	110	5.0	100.0	0	106	70	130			
1,1-Dichloroethane	130	5.0	100.0	0	127	70	130			
Trichloroethene (TCE)	120	5.0	100.0	0	118	70	130			
Sum: 1,2-Dichloroethane-d4	47		50.00		95.0	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding time for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: 1706d18-001ams	SampType: MS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: Injection Well	Batch ID: R43806		RunNo: 43806							
Prep Date:	Analysis Date: 6/26/2017		SeqNo: 1380063		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	50		50.00		99.0	70	130			
Surr: Dibromofluoromethane	58		50.00		105	70	130			
Surr: Toluene-d8	46		50.00		91.6	70	130			

Sample ID: 1706d18-001amsd	SampType: MSD	TestCode: EPA Method 8260B: VOLATILES								
Client ID: Injection Well	Batch ID: R43806	RunNo: 43806								
Prep Date:	Analysis Date: 6/26/2017	SeqNo: 1380064 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	120	5.0	100.0	0	119	70	130	0.759	20	
Toluene	100	5.0	100.0	0.4700	100	70	130	2.30	20	
Chlorobenzene	100	5.0	100.0	0	103	70	130	2.73	20	
1,1-Dichloroethene	120	5.0	100.0	0	124	70	130	2.49	20	
Trichloroethene (TCE)	120	5.0	100.0	0	117	70	130	1.02	20	
Surr: 1,2-Dichloroethane-d4	48		50.00		95.1	70	130	0	0	
Surr: 4-Bromofluorobenzene	49		50.00		97.4	70	130	0	0	
Surr: Dibromofluoromethane	54		50.00		108	70	130	0	0	
Surr: Toluene-d8	46		50.00		91.7	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- C Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: mb-32582	SampType: MBLK	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: PBW	Batch ID: 32582	RunNo: 44069								
Prep Date: 6/30/2017	Analysis Date: 7/7/2017	SeqNo: 1390263 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%RFC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aceaphthenn	ND	10								
Acenaphthylene	ND	10								
Aniline	ND	10								
Anthracene	ND	10								
Azobenzene	ND	10								
Benzo(a)anthracene	ND	10								
Benzo(a)pyrene	ND	10								
Benzo(b)fluoranthene	ND	10								
Benzo(g,h,i)perylene	ND	10								
Benzo(k)fluoranthene	ND	10								
Benzonic acid	ND	20								
Benzyl alcohol	ND	10								
Bis(2-chloroethoxy)methano	ND	10								
Bis(2-chloroethyl)ether	ND	10								
Bis(2-chloroisopropyl)ether	ND	10								
Bis(2-ethylhexyl)phthalate	ND	10								
4-Bromophenyl phenyl ether	ND	10								
Bis(1-benzyl phthalate	ND	10								
Carbazole	ND	10								
4-Chloro-3-methylphenol	ND	10								
4-Chloroaniline	ND	10								
2-Chloronaphthalene	ND	10								
2-Chlorophenol	ND	10								
4-Chlorophenyl phenyl ether	ND	10								
Chrysene	ND	10								
Di-n-butyl phthalate	ND	10								
Di-n-octyl phthalate	ND	10								
Dibenzo(a,h)anthracene	ND	10								
Dibenzofuran	ND	10								
1,2-Dichlorobenzene	ND	10								
1,3-Dichlorobenzene	ND	10								
1,4-Dichlorobenzene	ND	10								
3,3'-Dichlorobenzidine	ND	10								
Diethyl phthalate	ND	10								
Dimethyl phthalate	ND	10								
2,4-Dichlorophenol	ND	20								
2,4-Dimethylphenol	ND	10								
4,6-Dinitro-2-methylphenol	ND	20								
2,4-Dinitrophenol	ND	20								

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- E Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- H Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706018

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: mb-32582	SampType: MBLK	TestCode: EPA Method 8270C: Semivolatiles								
Client ID: PBW	Batch ID: 32582	RunNo: 44069								
Prep Date: 6/30/2017	Analysis Date: 7/7/2017	SeqNo: 1390263 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RFD	RFDLimit	Qual
2,4-Dinitrotoluene	ND	10								
2,6-Dinitrotoluene	ND	10								
Fluoranthene	ND	10								
Fluorene	ND	10								
Hexachlorobenzene	ND	10								
Hexachlorobiphenyl	ND	10								
Hexachlorocyclopentadiene	ND	10								
Hexachloroethane	ND	10								
Indeno(1,2,3-cd)pyrene	ND	10								
Isophorone	ND	10								
1-Methylnaphthalene	ND	10								
2-Methylnaphthalene	ND	10								
2-Methylphenol	ND	10								
3,4-Methylphenol	ND	10								
N-Nitrosodl-n-propylamine	ND	10								
N-Nitrosodimethylamine	ND	10								
N-Nitrosodiphenylamine	ND	10								
Naphthalene	ND	10								
2-Nitroaniline	ND	10								
3-Nitroaniline	ND	10								
4-Nitroaniline	ND	10								
Nitrobenzene	ND	10								
2-Nitrophenol	ND	10								
4-Nitrophenol	ND	10								
Pentachlorophenol	ND	20								
Phenanthrene	ND	10								
Phenol	ND	10								
Pyrene	ND	10								
Pyridine	ND	10								
1,2,4-Trichlorobenzene	ND	10								
2,4,6-Trichlorophenol	ND	10								
2,4,6-Trichlorophenol	ND	10								
Sum: 2-Fluorophenol	110		200.0		53.8	15	98.1			
Sum: Phenol-d5	88		200.0		43.9	15	80.7			
Sum: 2,4,6-Tribromophenol	140		200.0		67.6	15	112			
Sum: Nitrobenzene-d5	80		100.0		60.0	27.2	90.7			
Sum: 2-Fluorobiphenyl	67		100.0		67.3	23.3	85.8			
Sum: 4-Terphenyl d14	67		100.0		67.3	27.6	107			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- I Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: LCS-32582	Sample Type: LCS	Test Code: EPA Method 8270C: Semivolatiles								
Client ID: LCSW	Batch ID: 32582	Run No: 44069								
Prep Date: 8/30/2017	Analysis Date: 7/7/2017	Seq No: 1390265 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Acenaphthene	60	10	100.0	0	60.4	41.2	98.9			
4-Chloro-3-methylphenol	140	10	200.0	0	68.3	29.1	111			
2-Chlorophenol	120	10	200.0	0	57.7	23.3	108			
1,4-Dichlorobenzene	38	10	100.0	0	38.3	29.4	84.5			
2,4-Dinitrotoluene	57	10	100.0	0	57.4	36.6	88.7			
N-Nitrosodimethylamine	70	10	100.0	0	69.5	46.9	106			
4-Nitrophenol	88	10	200.0	0	43.1	15	74.7			
Pentachlorophenol	120	20	200.0	0	62.0	28.1	85.4			
Phenol	77	10	200.0	0	38.7	15	78.2			
Pyrene	85	10	100.0	0	84.8	44.4	96.8			
1,2,4-Trichlorobenzene	48	10	100.0	0	48.1	34.3	89			
Sum: 2-Fluorophenol	92		200.0		45.9	15	98.1			
Sum: Phenol-d5	81		200.0		40.5	15	80.7			
Sum: 2,4,6-Tribromophenol	140		200.0		71.5	15	112			
Sum: Nitrobenzene-d5	72		100.0		71.8	27.2	90.7			
Sum: 2-Fluorobiphenyl	65		100.0		64.7	23.3	85.6			
Sum: 4-Terphenyl-d14	67		100.0		67.1	27.6	107			

Sample ID: LCS-32582	Sample Type: LCS	Test Code: EPA Method 8270C: Semivolatiles								
Client ID: LCS02	Batch ID: 32582	Run No: 44069								
Prep Date: 6/30/2017	Analysis Date: 7/7/2017	Seq No: 1390267 Units: µg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Acenaphthene	64	10	100.0	0	64.3	41.2	98.9	6.16	37.4	
4-Chloro-3-methylphenol	130	10	200.0	0	66.8	29.1	111	2.18	26.8	
2-Chlorophenol	130	10	200.0	0	64.8	23.3	108	11.6	30.3	
1,4-Dichlorobenzene	42	10	100.0	0	42.1	29.4	84.5	9.48	32	
2,4-Dinitrotoluene	59	10	100.0	0	58.9	36.6	88.7	2.61	36.7	
N-Nitrosodimethylamine	78	10	100.0	0	75.7	46.9	106	8.51	29.9	
4-Nitrophenol	88	10	200.0	0	43.8	15	74.7	1.59	28.8	
Pentachlorophenol	130	20	200.0	0	64.5	28.1	85.4	3.97	38.2	
Phenol	85	10	200.0	0	42.3	15	78.2	8.79	39.8	
Pyrene	89	10	100.0	0	88.7	44.4	96.8	4.47	28.3	
1,2,4-Trichlorobenzene	52	10	100.0	0	51.8	34.3	89	7.44	39.8	
Sum: 2-Fluorophenol	100		200.0		51.8	15	98.1	0	0	
Sum: Phenol-d5	88		200.0		44.1	15	80.7	0	0	
Sum: 2,4,6-Tribromophenol	150		200.0		76.9	15	112	0	0	
Sum: Nitrobenzene-d5	77		100.0		77.5	27.2	90.7	0	0	
Sum: 2-Fluorobiphenyl	69		100.0		69.3	23.3	85.6	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- P Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: Icsd-32582	SampType: LCSD		TestCode: EPA Method 8270C: Semivolatiles							
Client ID: LCSS02	Batch ID: 32582		RunNo: 44069							
Prep Date: 6/30/2017	Analysis Date: 7/7/2017		SeqNo: 1390267		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Sum: 4-Terphenyl-d14	68		100.0		68.0	27.6	107	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

II Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

F Analyte detected below quantitation limits

P Sample pH Not In Range

RI Reporting Detection Limit

W Sample container temperature is out of limit as specified

Page 20 of 27

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID	MB-32756	Sample Type:	MBLK	Test Code:	EPA Method 7470: Mercury					
Client ID:	PBW	Batch ID:	32756	Run No:	44172					
Prep Date:	7/12/2017	Analysis Date:	7/12/2017	Seq No:	1394132					
				Units:	mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

Sample ID	LGS-32756		SampleType:	LGS		TestCode:	EPA Method 7470: Mercury				
Client ID:	LGSW		Batch ID:	32756		RunNo:	44172				
Prep Date:	7/12/2017		Analysis Date:	7/12/2017		SeqNo:	1394133		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Init	Qual	
Mercury	0.0049	0.00020	0.005000	0	97.7	80	120				

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: LCS-A	SampType: LCS		TestCode: EPA Method 6010B: Dissolved Metals							
Client ID: LCSW	Batch ID: A44027		RunNo: 44027							
Prep Date:	Analysis Date: 7/6/2017		SeqNo: 1388397		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	48	1.0	50.00	0	99.0	80	120			
Chromium	0.48	0.0060	0.5000	0	97.1	80	120			
Magnesium	48	1.0	50.00	0	98.1	80	120			
Potassium	48	1.0	50.00	0	96.5	80	120			
Sodium	48	1.0	50.00	0	96.2	80	120			

Sample ID: MB-A	SampType: MBLK		TestCode: EPA Method 6010B: Dissolved Metals							
Client ID: PSW	Batch ID: A44027		RunNo: 44027							
Prep Date:	Analysis Date: 7/6/2017		SeqNo: 1388401		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Chromium	ND	0.0060								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: MB-32492	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 32492	RunNo: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	SeqNo: 1391517 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.0050								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Silver	ND	0.0050								
Sodium	ND	1.0								

Sample ID: LCS-32492	SampType: LCS	TestCode: EPA 8010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 32492	RunNo: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	SeqNo: 1391516 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.51	0.020	0.5000	0	103	80	120			
Barium	0.44	0.020	0.5000	0	98.7	80	120			
Cadmium	0.49	0.0020	0.5000	0	99.0	80	120			
Calcium	51	1.0	50.00	0	102	80	120			
Chromium	0.50	0.0060	0.5000	0	99.0	80	120			
Lead	0.50	0.0050	0.5000	0	100	80	120			
Magnesium	52	1.0	50.00	0	103	80	120			
Potassium	50	1.0	50.00	0	100	80	120			
Silver	0.10	0.0050	0.1000	0	102	80	120			
Sodium	51	1.0	50.00	0	101	80	120			

Sample ID: 1706D18-001FMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well	Batch ID: 32492	RunNo: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	SeqNo: 1391522 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.52	0.020	0.5000	0	104	75	125			
Barium	0.83	0.020	0.5000	0.3505	96.4	75	125			
Cadmium	0.50	0.0020	0.5000	0	99.2	75	125			
Chromium	0.50	0.0060	0.5000	0	99.4	75	125			
Lead	0.49	0.0050	0.5000	0.006270	87.5	75	125			
Magnesium	85	1.0	50.00	33.32	103	75	125			
Potassium	81	1.0	50.00	10.28	102	75	125			
Silver	0.10	0.0050	0.1000	0	105	75	125			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: 1706D18-001FMSD	Sample Type: MSD	Test Code: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well	Batch ID: 32492	Run No: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	Seq No: 1391523 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.51	0.020	0.5000	0	102	75	125	1.61	20	
Barium	0.83	0.020	0.5000	0.3505	95.9	75	125	0.308	20	
Cadmium	0.40	0.0020	0.5000	0	98.8	75	125	0.374	20	
Chromium	0.50	0.0060	0.5000	0	99.2	75	125	0.203	20	
Lead	0.49	0.0050	0.5000	0.006270	96.1	75	125	1.30	20	
Magnesium	85	1.0	50.00	33.32	103	75	125	0.0516	20	
Potassium	61	1.0	50.00	10.28	102	75	125	0.154	20	
Silver	0.11	0.0050	0.1000	0	105	75	125	0.065	20	

Sample ID: 1706D18-001FMS	SampType: MS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well	Batch ID: 32492	RunNo: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	SeqNo: 1391526 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	180	5.0	50.00	106.0	103	75	125			

Sample ID: 1706D18-001FMSD	Sample Type: MSD	Test Code: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well	Batch ID: 32492	Run No: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	Seq No: 1391530 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Calcium	170	5.0	50.00	106.0	120	75	125	5.22	20	

Sample ID: MB-32492	Sample Type: MBLK	Test Code: EPA 6010B: Total Recoverable Metals								
Client ID: PEW	Batch ID: 32492	Run No: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	Seq No: 1391848							Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Chromium	ND	0.0060								
Selenium	ND	0.050								
Sodium	ND	1.0								

Sample ID: LCS-32492	Sample Type: LCS	Test Code: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 32492	Run No: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	Seq No: 1391847							Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Chromium	0.50	0.0060	0.5000	0	100	80	120			
Selenium	0.51	0.050	0.5000	0	102	80	120			
Sodium	51	1.0	50.00	0	103	80	120			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: 1706D18-001FMS	Sample Type: MS	Test Code: EPA 6010B: Total Recoverable Metals								
Client ID: Injection Well	Batch ID: 32492	RunNo: 44102								
Prep Date: 6/26/2017	Analysis Date: 7/10/2017	SeqNo: 1391851 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.44	0.050	0.5000	0	87.0	75	125			

Selenium										
Sample ID	1706D18-001FMSD	SampType: MSD			TestCode: EPA 6010B: Total Recoverable Metals					
Client ID:	Injection Well	Batch ID: 32492			RunNo: 44102					
Prep Date:	6/26/2017	Analysis Date: 7/10/2017			SeqNo: 1391852		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.45	0.050	0.5000	0	90.9	75	125	4.31	20	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID	mb-1	Sample Type	mbk	Test Code	SM2320B: Alkalinity					
Client ID	PBW	Batch ID	R43890	Run No	43890					
Prep Date:		Analysis Date	6/28/2017	Seq No	1383548	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: ics-1	SampType: ics		TestCode: SM2320B: Alkalinity							
Client ID: LCSW	Batch ID: R43890		RunNo: 43890							
Prep Date:	Analysis Date: 6/28/2017		SeqNo: 1383549		Units: mg/L CaCO3					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	77.84	20.00	80.00	0	97.0	90	110			

Sample ID	mb-2	Sample Type	mbk	Test Code	SM2320B: Alkalinity					
Client ID	PBW	Batch ID	R43890	Run No	43890					
Prep Date		Analysis Date	6/28/2017	Seq No	1383572	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Total Alkalinity (as CaCO3)	ND	20.00								

Total Alkalinity (as CaCO3)										
Sample ID	ics-2	SampType: ics			TestCode: SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID: R43890			RunNo: 43890					
Prep Date:		Analysis Date: 6/28/2017			SeqNo: 1383573			Units: mg/L CaCO3		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RCC	Low Limit	High Limit	%RPD	RPD Limit	Qual
Total Alkalinity (as CaCO3)	78.84	20.00	80.00	0	98.5	90	110			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706D18

28-Jul-17

Client: Western Refining Southwest, Inc.

Project: Injection Well 6-22-17

Sample ID: MB-32502	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids
Client ID: PBW	Batch ID: 32502	RunNo: 43839
Prep Date: 6/26/2017	Analysis Date: 6/27/2017	SeqNo: 1381448 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	ND	20.0

Sample ID: LCS-32502	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids
Client ID: LCSW	Batch ID: 32502	RunNo: 43839
Prep Date: 6/28/2017	Analysis Date: 6/27/2017	SeqNo: 1381449 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	985	20.0 1000 0 98.5 80 120

Qualifiers:

- | | |
|---|---|
| M Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | F Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not in Range |
| PQL Practical Quantitative Limit | RI Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



Hall Environmental Analysis Laboratory
 4901 Highway 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 Southw

Work Order Number: 1706D18

Rep/No: 1

Received By: Anne Thorne

6/23/2017 7:25:00 AM

Anne Thorne

Completed By: Anne Thorne

6/23/2017 1:45:52 PM

Anne Thorne

Reviewed By:

[Signature]

6/23/17

Chain of Custody

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

Log in

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 8.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved bottles checked for pH: 3.2
 Adjusted? ☒ (2 or >12 unless noted)
 Checked by: *[Signature]*

Special Handling (if applicable)

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

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

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			

Chain-of-Custody Record

Client: Western Refining

Mailing Address: 50 CR4990

Bloomfield, NM 87413

Phone #: 505-632-4169

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Date Time Matrix Sample Request ID

-22-17 9:00 H₂O Injection Well

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Injection Well-6-22-17

Project #:

PO# 12619031-2

Project Manager:

Kelly Robinson

Sampler: Matt Krakow

On-site Analysis ☐ No ☐ Yes

Sample Preservation ☐ No ☐ Yes

Container Type and #

Preservative Type

HEAL No.

Analysis Request

BTX + MTBE + TMB's (8021)

BTX + MTBE + TMB's (8021)

BTX + MTBE + TMB's (8021)

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BTX + MTBE + TMB's (8021)

BTX + MTBE + TMB's (8021)

Received by:

Date

Time

Received by:

Date

Time

Remarks:

See Attached

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

**2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-
HAZARDOUS WASTE INJECTION WELL:** The Permittee shall properly conduct waste management/injection operations at its facility by injecting only non-hazardous (RCRA exempt) and RCRA non-hazardous, non-exempt oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261.21 Subpart C 261.21-261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.520(B), the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- pH (Method 9040);
- (E6);
- Specific conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3; and;
- EPA RCRA Characteristics for Ignitability (ASTM Methods), Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

WIC001 (WDW-2)
July 29, 2013

D040	Selenium	1041	10
D041	Silver	1041	50
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B	0.5
		8260B	
D041	2,4,5-Trichlorophenol	8260B	4000
D042	2,4,6-Trichlorophenol	8041A	20
		8260B	
D043	Vinyl chloride	8021E	0.2
		8260B	

If a MW and piezometer concentration cannot be differentiated, then the total creosol (D020) concentration is used.

The regulatory creosol total creosol is 200 mg/L.

If the monitoring limit is greater than the regulatory level, then the monitoring limit becomes the regulatory level.

If metals (dissolved) the EPA 1315 TCLP Laboratory Method is required with the exception of Mercury (total).

1. Monitor and Piezometer Wells: Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. CONTINGENCY PLANS: The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. CLOSURE: Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

- 1. Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
- 2. Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:

- Name of facility;
- Address of facility;
- Name of Permittee (and owner or operator, if appropriate);

ATTACHMENT D

**Continuous Data Logs
April 1, 2017 – June 30, 2017**

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
01-Apr-17 00:00:00	0	5	1346	4890
01-Apr-17 00:30:00	0	5	1347	4890
01-Apr-17 01:00:00	0	5	1349	4890
01-Apr-17 01:30:00	0	5	1351	4890
01-Apr-17 02:00:00	0	5	1351	4890
01-Apr-17 02:30:00	0	5	1350	4889
01-Apr-17 03:00:00	0	5	1351	4889
01-Apr-17 03:30:00	0	5	1351	4889
01-Apr-17 04:00:00	0	5	1351	4889
01-Apr-17 04:30:00	0	5	1350	4889
01-Apr-17 05:00:00	0	5	1136	4889
01-Apr-17 05:30:00	0	6	1073	4889
01-Apr-17 06:00:00	0	7	1044	4889
01-Apr-17 06:30:00	0	8	1032	4889
01-Apr-17 07:00:00	0	8	1023	4889
01-Apr-17 07:30:00	0	9	1015	4889
01-Apr-17 08:00:00	0	10	1007	4889
01-Apr-17 08:30:00	0	11	1000	4889
01-Apr-17 09:00:00	0	11	993	4889
01-Apr-17 09:30:00	0	12	987	4889
01-Apr-17 10:00:00	0	13	981	4889
01-Apr-17 10:30:00	0	13	975	4889
01-Apr-17 11:00:00	0	14	970	4889
01-Apr-17 11:30:00	0	14	965	4889
01-Apr-17 12:00:00	0	15	959	4889
01-Apr-17 12:30:00	0	15	954	4889
01-Apr-17 13:00:00	0	16	950	4889
01-Apr-17 13:30:00	0	16	947	4889
01-Apr-17 14:00:00	0	17	942	4889
01-Apr-17 14:30:00	0	17	938	4889
01-Apr-17 15:00:00	0	18	934	4889
01-Apr-17 15:30:00	0	18	931	4889
01-Apr-17 16:00:00	0	19	927	4889
01-Apr-17 16:30:00	0	19	924	4889
01-Apr-17 17:00:00	0	20	921	4889
01-Apr-17 17:30:00	0	20	918	4889
01-Apr-17 18:00:00	0	20	915	4889
01-Apr-17 18:30:00	0	21	912	4889
01-Apr-17 19:00:00	0	21	909	4889
01-Apr-17 19:30:00	0	21	906	4889
01-Apr-17 20:00:00	0	22	903	4889
01-Apr-17 20:30:00	0	22	901	4889
01-Apr-17 21:00:00	0	22	898	4889
01-Apr-17 21:30:00	0	23	896	4889
01-Apr-17 22:00:00	0	23	893	4889
01-Apr-17 22:30:00	0	23	891	4889
01-Apr-17 23:00:00	0	24	888	4889
01-Apr-17 23:30:00	0	24	886	4889
02-Apr-17 00:00:00	0	24	884	4889
02-Apr-17 00:30:00	0	24	881	4889
02-Apr-17 01:00:00	0	25	879	4889
02-Apr-17 01:30:00	0	25	877	4889
02-Apr-17 02:00:00	0	25	875	4889
02-Apr-17 02:30:00	0	26	873	4889
02-Apr-17 03:00:00	0	26	871	4889

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
02-Apr-17 04:00:00	0	26	869	4889
02-Apr-17 04:30:00	0	26	867	4889
02-Apr-17 05:00:00	0	27	865	4889
02-Apr-17 05:30:00	0	27	863	4889
02-Apr-17 06:00:00	0	27	861	4889
02-Apr-17 06:30:00	0	27	860	4889
02-Apr-17 07:00:00	0	28	858	4889
02-Apr-17 07:30:00	0	28	856	4889
02-Apr-17 08:00:00	Scheduled Power Outage Well was not operational			4889
02-Apr-17 08:30:00				4889
02-Apr-17 09:00:00				4889
02-Apr-17 09:30:00				4889
02-Apr-17 10:00:00				4889
02-Apr-17 10:30:00				4889
02-Apr-17 11:00:00				4889
02-Apr-17 11:30:00				4889
02-Apr-17 12:00:00				4889
02-Apr-17 12:30:00	0	30	839	4889
02-Apr-17 13:00:00	0	31	838	4889
02-Apr-17 13:30:00	0	31	837	4889
02-Apr-17 14:00:00	0	31	834	4889
02-Apr-17 14:30:00	0	32	833	4889
02-Apr-17 15:00:00	0	32	833	4889
02-Apr-17 15:30:00	0	32	830	4889
02-Apr-17 16:00:00	26	37	1291	4892
02-Apr-17 16:30:00	16	18	1341	4905
02-Apr-17 17:00:00	14	13	1341	4916
02-Apr-17 17:30:00	16	9	1391	4928
02-Apr-17 18:00:00	15	7	1392	4939
02-Apr-17 18:30:00	13	6	1392	4949
02-Apr-17 19:00:00	12	5	1392	4958
02-Apr-17 19:30:00	11	5	1391	4966
02-Apr-17 20:00:00	11	4	1393	4975
02-Apr-17 20:30:00	10	4	1392	4982
02-Apr-17 21:00:00	10	4	1392	4989
02-Apr-17 21:30:00	2	4	1392	4995
02-Apr-17 22:00:00	0	4	1392	4998
02-Apr-17 22:30:00	0	4	1392	5000
02-Apr-17 23:00:00	0	4	1391	5000
02-Apr-17 23:30:00	0	4	1392	5000
03-Apr-17 00:00:00	0	4	1393	5000
03-Apr-17 00:30:00	0	4	1393	5000
03-Apr-17 01:00:00	0	4	1392	5000
03-Apr-17 01:30:00	0	4	1392	5000
03-Apr-17 02:00:00	0	4	1392	5000
03-Apr-17 02:30:00	0	4	1392	5000
03-Apr-17 03:00:00	0	4	1393	5000
03-Apr-17 03:30:00	0	4	1393	5000
03-Apr-17 04:00:00	0	4	1393	5000
03-Apr-17 04:30:00	0	4	1393	5000
03-Apr-17 05:00:00	0	4	1393	5000
03-Apr-17 05:30:00	0	4	1392	5000
03-Apr-17 06:00:00	0	4	1392	5000
03-Apr-17 06:30:00	0	4	1393	5000

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
03-Apr-17 07:00:00	0	4	1212	5000
03-Apr-17 07:30:00	0	4	1096	5000
03-Apr-17 08:00:00	0	6	1054	5000
03-Apr-17 08:30:00	0	7	1027	5000
03-Apr-17 09:00:00	0	7	1008	5000
03-Apr-17 09:30:00	0	8	998	5000
03-Apr-17 10:00:00	0	9	990	5000
03-Apr-17 10:30:00	0	10	982	5000
03-Apr-17 11:00:00	0	11	975	5000
03-Apr-17 11:30:00	0	11	969	5000
03-Apr-17 12:00:00	0	12	962	5000
03-Apr-17 12:30:00	0	13	957	5000
03-Apr-17 13:00:00	23	14	1391	5004
03-Apr-17 13:30:00	14	9	1393	5015
03-Apr-17 14:00:00	13	7	1393	5024
03-Apr-17 14:30:00	10	6	1391	5032
03-Apr-17 15:00:00	8	5	1393	5037
03-Apr-17 15:30:00	0	5	1086	5038
03-Apr-17 16:00:00	0	7	1078	5038
03-Apr-17 16:30:00	0	8	1005	5038
03-Apr-17 17:00:00	0	9	993	5038
03-Apr-17 17:30:00	0	10	984	5038
03-Apr-17 18:00:00	0	11	975	5038
03-Apr-17 18:30:00	0	12	968	5038
03-Apr-17 19:00:00	0	12	960	5038
03-Apr-17 19:30:00	0	13	954	5038
03-Apr-17 20:00:00	0	14	948	5038
03-Apr-17 20:30:00	0	15	942	5038
03-Apr-17 21:00:00	0	15	937	5038
03-Apr-17 21:30:00	0	16	932	5038
03-Apr-17 22:00:00	0	16	928	5038
03-Apr-17 22:30:00	0	17	923	5038
03-Apr-17 23:00:00	0	17	919	5038
03-Apr-17 23:30:00	0	18	915	5038
04-Apr-17 00:00:00	0	18	912	5038
04-Apr-17 00:30:00	18	13	1397	5051
04-Apr-17 01:00:00	15	8	1392	5062
04-Apr-17 01:30:00	12	6	1391	5077
04-Apr-17 02:00:00	10	5	1392	5080
04-Apr-17 02:30:00	11	5	1392	5088
04-Apr-17 03:00:00	10	4	1393	5094
04-Apr-17 03:30:00	0	4	1393	5098
04-Apr-17 04:00:00	0	4	1392	5098
04-Apr-17 04:30:00	0	4	1393	5098
04-Apr-17 05:00:00	0	4	1393	5098
04-Apr-17 05:30:00	0	3	1185	5098
04-Apr-17 06:00:00	0	4	1076	5098
04-Apr-17 06:30:00	0	5	1036	5098
04-Apr-17 07:00:00	0	6	1018	5098
04-Apr-17 07:30:00	0	7	1006	5098
04-Apr-17 08:00:00	0	8	996	5098
04-Apr-17 08:30:00	0	9	987	5098
04-Apr-17 09:00:00	0	10	979	5098
04-Apr-17 09:30:00	0	11	971	5098
04-Apr-17 10:00:00	0	12	964	5098
04-Apr-17 10:30:00	0	12	958	5098
04-Apr-17 11:00:00	0	13	952	5098

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
04-Apr-17 11:30:00	0	14	946	5098
04-Apr-17 12:00:00	0	14	941	5098
04-Apr-17 12:30:00	0	15	936	5098
04-Apr-17 13:00:00	0	16	931	5098
04-Apr-17 13:30:00	0	16	927	5098
04-Apr-17 14:00:00	15	13	1341	5107
04-Apr-17 14:30:00	11	9	1341	5117
04-Apr-17 15:00:00	0	8	1341	5123
04-Apr-17 15:30:00	0	8	1014	5123
04-Apr-17 16:00:00	0	9	987	5123
04-Apr-17 16:30:00	0	11	974	5123
04-Apr-17 17:00:00	0	12	964	5123
04-Apr-17 17:30:00	0	13	955	5123
04-Apr-17 18:00:00	0	13	948	5123
04-Apr-17 18:30:00	0	14	941	5123
04-Apr-17 19:00:00	0	15	935	5123
04-Apr-17 19:30:00	0	16	930	5123
04-Apr-17 20:00:00	26	19	1276	5124
04-Apr-17 20:30:00	14	17	1343	5137
04-Apr-17 21:00:00	10	9	1342	5145
04-Apr-17 21:30:00	2	7	1343	5149
04-Apr-17 22:00:00	0	7	1343	5150
04-Apr-17 22:30:00	0	6	1343	5150
04-Apr-17 23:00:00	0	6	1341	5150
04-Apr-17 23:30:00	0	6	1342	5150
05-Apr-17 00:00:00	0	5	1342	5150
05-Apr-17 00:30:00	0	5	1342	5150
05-Apr-17 01:00:00	0	5	1342	5150
05-Apr-17 01:30:00	0	5	1343	5150
05-Apr-17 02:00:00	0	5	1342	5150
05-Apr-17 02:30:00	0	5	1342	5150
05-Apr-17 03:00:00	0	5	1342	5150
05-Apr-17 03:30:00	0	5	1343	5150
05-Apr-17 04:00:00	0	5	1343	5150
05-Apr-17 04:30:00	0	5	1225	5150
05-Apr-17 05:00:00	0	6	1068	5150
05-Apr-17 05:30:00	0	7	1030	5150
05-Apr-17 06:00:00	0	8	1016	5150
05-Apr-17 06:30:00	0	9	1006	5150
05-Apr-17 07:00:00	0	9	996	5150
05-Apr-17 07:30:00	0	10	988	5150
05-Apr-17 08:00:00	0	11	981	5150
05-Apr-17 08:30:00	0	12	974	5150
05-Apr-17 09:00:00	0	13	967	5150
05-Apr-17 09:30:00	0	13	961	5150
05-Apr-17 10:00:00	0	14	955	5150
05-Apr-17 10:30:00	0	15	950	5150
05-Apr-17 11:00:00	0	15	945	5150
05-Apr-17 11:30:00	0	16	940	5150
05-Apr-17 12:00:00	0	16	935	5150
05-Apr-17 12:30:00	0	17	931	5150
05-Apr-17 13:00:00	19	17	1341	5156
05-Apr-17 13:30:00	11	11	1341	5166
05-Apr-17 14:00:00	0	9	1342	5171
05-Apr-17 14:30:00	0	8	1342	5172
05-Apr-17 15:00:00	0	7	1074	5172
05-Apr-17 15:30:00	0	8	1010	5172

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
05-Apr-17 16:00:00	0	10	994	5172
05-Apr-17 16:30:00	0	11	982	5172
05-Apr-17 17:00:00	0	12	972	5172
05-Apr-17 17:30:00	0	13	964	5172
05-Apr-17 18:00:00	0	14	956	5172
05-Apr-17 18:30:00	0	15	950	5172
05-Apr-17 19:00:00	0	15	944	5172
05-Apr-17 19:30:00	0	16	938	5172
05-Apr-17 20:00:00	0	17	933	5172
05-Apr-17 20:30:00	0	17	928	5172
05-Apr-17 21:00:00	0	18	924	5172
05-Apr-17 21:30:00	0	19	920	5172
05-Apr-17 22:00:00	0	19	915	5172
05-Apr-17 22:30:00	0	20	912	5172
05-Apr-17 23:00:00	0	20	908	5172
05-Apr-17 23:30:00	0	21	905	5172
06-Apr-17 00:00:00	0	21	901	5172
06-Apr-17 00:30:00	0	21	898	5172
06-Apr-17 01:00:00	0	22	895	5172
06-Apr-17 01:30:00	0	22	893	5172
06-Apr-17 02:00:00	0	23	890	5172
06-Apr-17 02:30:00	0	23	887	5172
06-Apr-17 03:00:00	0	23	884	5172
06-Apr-17 03:30:00	0	24	882	5172
06-Apr-17 04:00:00	0	24	880	5172
06-Apr-17 04:30:00	0	24	877	5172
06-Apr-17 05:00:00	0	25	875	5172
06-Apr-17 05:30:00	0	25	873	5172
06-Apr-17 06:00:00	0	25	870	5172
06-Apr-17 06:30:00	0	26	868	5172
06-Apr-17 07:00:00	0	26	866	5172
06-Apr-17 07:30:00	0	26	865	5172
06-Apr-17 08:00:00	0	27	862	5172
06-Apr-17 08:30:00	0	27	860	5172
06-Apr-17 09:00:00	0	27	858	5172
06-Apr-17 09:30:00	0	28	856	5172
06-Apr-17 10:00:00	0	28	855	5172
06-Apr-17 10:30:00	0	28	853	5172
06-Apr-17 11:00:00	0	29	851	5172
06-Apr-17 11:30:00	0	29	849	5172
06-Apr-17 12:00:00	0	29	847	5172
06-Apr-17 12:30:00	0	30	845	5172
06-Apr-17 13:00:00	0	30	844	5172
06-Apr-17 13:30:00	0	30	842	5172
06-Apr-17 14:00:00	0	31	840	5172
06-Apr-17 14:30:00	0	31	839	5172
06-Apr-17 15:00:00	0	31	838	5172
06-Apr-17 15:30:00	16	19	1341	5186
06-Apr-17 16:00:00	14	13	1342	5197
06-Apr-17 16:30:00	11	10	1342	5205
06-Apr-17 17:00:00	1	9	1342	5213
06-Apr-17 17:30:00	0	8	1342	5217
06-Apr-17 18:00:00	0	7	1341	5219
06-Apr-17 18:30:00	0	7	1342	5218
06-Apr-17 19:00:00	0	7	1342	5218
06-Apr-17 19:30:00	0	7	1342	5217
06-Apr-17 20:00:00	0	6	1342	5216

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
06-Apr-17 20:30:00	0	6	1080	5216
06-Apr-17 21:00:00	0	8	1007	5216
06-Apr-17 21:30:00	0	9	974	5216
06-Apr-17 22:00:00	0	10	960	5216
06-Apr-17 22:30:00	0	11	950	5216
06-Apr-17 23:00:00	0	13	942	5216
06-Apr-17 23:30:00	0	14	935	5216
07-Apr-17 00:00:00	0	14	928	5216
07-Apr-17 00:30:00	0	15	921	5216
07-Apr-17 01:00:00	0	16	915	5216
07-Apr-17 01:30:00	0	17	910	5216
07-Apr-17 02:00:00	0	18	905	5216
07-Apr-17 02:30:00	22	20	1293	5218
07-Apr-17 03:00:00	11	13	1292	5228
07-Apr-17 03:30:00	10	10	1342	5236
07-Apr-17 04:00:00	10	8	1342	5243
07-Apr-17 04:30:00	0	7	1343	5243
07-Apr-17 05:00:00	12	7	1393	5249
07-Apr-17 05:30:00	10	6	1392	5257
07-Apr-17 06:00:00	10	5	1392	5263
07-Apr-17 06:30:00	2	5	1392	5265
07-Apr-17 07:00:00	0	5	1392	5265
07-Apr-17 07:30:00	0	5	1081	5265
07-Apr-17 08:00:00	0	6	1027	5265
07-Apr-17 08:30:00	0	7	1005	5265
07-Apr-17 09:00:00	0	9	991	5265
07-Apr-17 09:30:00	0	10	980	5265
07-Apr-17 10:00:00	0	11	970	5265
07-Apr-17 10:30:00	0	12	962	5265
07-Apr-17 11:00:00	0	13	955	5265
07-Apr-17 11:30:00	0	13	947	5265
07-Apr-17 12:00:00	0	14	940	5265
07-Apr-17 12:30:00	0	15	934	5265
07-Apr-17 13:00:00	0	16	928	5265
07-Apr-17 13:30:00	0	17	923	5265
07-Apr-17 14:00:00	0	17	918	5265
07-Apr-17 14:30:00	0	18	914	5265
07-Apr-17 15:00:00	0	19	909	5265
07-Apr-17 15:30:00	0	20	905	5265
07-Apr-17 16:00:00	0	20	901	5265
07-Apr-17 16:30:00	0	21	897	5265
07-Apr-17 17:00:00	0	21	894	5265
07-Apr-17 17:30:00	0	22	890	5265
07-Apr-17 18:00:00	0	22	887	5265
07-Apr-17 18:30:00	0	23	884	5265
07-Apr-17 19:00:00	0	23	881	5265
07-Apr-17 19:30:00	24	26	1297	5268
07-Apr-17 20:00:00	11	15	1292	5279
07-Apr-17 20:30:00	0	12	1291	5283
07-Apr-17 21:00:00	0	10	1052	5285
07-Apr-17 21:30:00	0	11	968	5285
07-Apr-17 22:00:00	0	13	950	5285
07-Apr-17 22:30:00	0	14	938	5285
07-Apr-17 23:00:00	0	15	928	5285
07-Apr-17 23:30:00	0	17	920	5285
08-Apr-17 00:00:00	0	18	914	5285
08-Apr-17 00:30:00	0	18	908	5285

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
08-Apr-17 01:00:00	0	19	902	5285
08-Apr-17 01:30:00	0	20	897	5285
08-Apr-17 02:00:00	0	21	893	5285
08-Apr-17 02:30:00	0	21	888	5285
08-Apr-17 03:00:00	0	22	884	5285
08-Apr-17 03:30:00	0	23	881	5285
08-Apr-17 04:00:00	0	23	877	5285
08-Apr-17 04:30:00	0	24	874	5285
08-Apr-17 05:00:00	0	24	871	5285
08-Apr-17 05:30:00	0	25	868	5285
08-Apr-17 06:00:00	0	25	865	5285
08-Apr-17 06:30:00	0	26	862	5285
08-Apr-17 07:00:00	0	26	860	5285
08-Apr-17 07:30:00	0	26	858	5285
08-Apr-17 08:00:00	0	27	855	5285
08-Apr-17 08:30:00	0	27	853	5285
08-Apr-17 09:00:00	0	28	851	5285
08-Apr-17 09:30:00	0	28	848	5285
08-Apr-17 10:00:00	0	28	846	5285
08-Apr-17 10:30:00	0	29	844	5285
08-Apr-17 11:00:00	0	29	842	5285
08-Apr-17 11:30:00	0	30	840	5285
08-Apr-17 12:00:00	0	30	838	5285
08-Apr-17 12:30:00	0	30	837	5285
08-Apr-17 13:00:00	0	31	834	5285
08-Apr-17 13:30:00	0	31	833	5285
08-Apr-17 14:00:00	0	32	831	5285
08-Apr-17 14:30:00	0	32	830	5285
08-Apr-17 15:00:00	0	32	828	5285
08-Apr-17 15:30:00	0	33	827	5285
08-Apr-17 16:00:00	0	33	825	5285
08-Apr-17 16:30:00	0	33	824	5285
08-Apr-17 17:00:00	0	33	822	5285
08-Apr-17 17:30:00	0	34	821	5285
08-Apr-17 18:00:00	0	34	819	5285
08-Apr-17 18:30:00	0	34	818	5285
08-Apr-17 19:00:00	0	34	816	5285
08-Apr-17 19:30:00	0	35	815	5285
08-Apr-17 20:00:00	0	35	814	5285
08-Apr-17 20:30:00	0	35	813	5285
08-Apr-17 21:00:00	0	35	812	5285
08-Apr-17 21:30:00	0	35	810	5285
08-Apr-17 22:00:00	0	36	809	5285
08-Apr-17 22:30:00	0	36	808	5285
08-Apr-17 23:00:00	0	36	807	5285
08-Apr-17 23:30:00	0	36	805	5285
09-Apr-17 00:00:00	0	36	804	5285
09-Apr-17 00:30:00	0	36	803	5285
09-Apr-17 01:00:00	0	37	802	5285
09-Apr-17 01:30:00	0	37	801	5285
09-Apr-17 02:00:00	0	37	800	5285
09-Apr-17 02:30:00	0	37	799	5285
09-Apr-17 03:00:00	0	37	798	5285
09-Apr-17 03:30:00	0	37	796	5285
09-Apr-17 04:00:00	0	37	795	5285
09-Apr-17 04:30:00	0	37	795	5285
09-Apr-17 05:00:00	0	38	793	5285

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
09-Apr-17 05:30:00	0	38	793	5285
09-Apr-17 06:00:00	0	38	791	5285
09-Apr-17 06:30:00	0	38	790	5285
09-Apr-17 07:00:00	0	38	790	5285
09-Apr-17 07:30:00	0	38	788	5285
09-Apr-17 08:00:00	0	38	787	5285
09-Apr-17 08:30:00	0	39	786	5285
09-Apr-17 09:00:00	0	39	785	5285
09-Apr-17 09:30:00	0	39	784	5285
09-Apr-17 10:00:00	0	39	783	5285
09-Apr-17 10:30:00	0	39	782	5285
09-Apr-17 11:00:00	0	40	781	5285
09-Apr-17 11:30:00	0	40	780	5285
09-Apr-17 12:00:00	0	40	780	5285
09-Apr-17 12:30:00	0	40	779	5285
09-Apr-17 13:00:00	0	40	778	5285
09-Apr-17 13:30:00	0	41	777	5285
09-Apr-17 14:00:00	0	41	776	5285
09-Apr-17 14:30:00	0	41	775	5285
09-Apr-17 15:00:00	0	41	774	5285
09-Apr-17 15:30:00	23	36	1290	5293
09-Apr-17 16:00:00	13	19	1291	5305
09-Apr-17 16:30:00	12	14	1292	5314
09-Apr-17 17:00:00	10	12	1292	5321
09-Apr-17 17:30:00	0	11	1292	5323
09-Apr-17 18:00:00	0	10	1292	5323
09-Apr-17 18:30:00	0	9	1292	5323
09-Apr-17 19:00:00	16	8	1392	5333
09-Apr-17 19:30:00	14	6	1392	5343
09-Apr-17 20:00:00	12	6	1392	5352
09-Apr-17 20:30:00	11	5	1391	5360
09-Apr-17 21:00:00	11	5	1392	5368
09-Apr-17 21:30:00	9	5	1393	5376
09-Apr-17 22:00:00	9	5	1393	5380
09-Apr-17 22:30:00	0	4	1392	5381
09-Apr-17 23:00:00	0	4	1393	5382
09-Apr-17 23:30:00	0	4	1392	5382
10-Apr-17 00:00:00	0	4	1101	5382
10-Apr-17 00:30:00	0	6	1026	5382
10-Apr-17 01:00:00	0	7	989	5382
10-Apr-17 01:30:00	0	8	967	5382
10-Apr-17 02:00:00	0	9	954	5382
10-Apr-17 02:30:00	0	10	944	5382
10-Apr-17 03:00:00	12	12	1292	5385
10-Apr-17 03:30:00	11	9	1342	5394
10-Apr-17 04:00:00	13	7	1392	5404
10-Apr-17 04:30:00	12	6	1392	5413
10-Apr-17 05:00:00	10	5	1393	5421
10-Apr-17 05:30:00	10	5	1392	5427
10-Apr-17 06:00:00	6	4	1393	5432
10-Apr-17 06:30:00	8	4	1393	5434
10-Apr-17 07:00:00	0	5	1075	5434
10-Apr-17 07:30:00	0	6	1025	5434
10-Apr-17 08:00:00	0	7	1003	5434
10-Apr-17 08:30:00	0	8	989	5434
10-Apr-17 09:00:00	0	9	977	5434
10-Apr-17 09:30:00	0	10	966	5434

Injection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
10-Apr-17 10:00:00	0	11	956	5434
10-Apr-17 10:30:00	0	12	947	5434
10-Apr-17 11:00:00	0	13	939	5434
10-Apr-17 11:30:00	0	14	932	5434
10-Apr-17 12:00:00	0	15	926	5434
10-Apr-17 12:30:00	0	16	919	5434
10-Apr-17 13:00:00	0	16	914	5434
10-Apr-17 13:30:00	0	17	908	5434
10-Apr-17 14:00:00	0	18	904	5434
10-Apr-17 14:30:00	0	19	898	5434
10-Apr-17 15:00:00	0	19	894	5434
10-Apr-17 15:30:00	0	20	890	5434
10-Apr-17 16:00:00	0	21	886	5434
10-Apr-17 16:30:00	0	21	882	5434
10-Apr-17 17:00:00	0	22	878	5434
10-Apr-17 17:30:00	0	23	875	5434
10-Apr-17 18:00:00	0	23	871	5434
10-Apr-17 18:30:00	0	24	868	5434
10-Apr-17 19:00:00	0	24	865	5434
10-Apr-17 19:30:00	0	25	862	5434
10-Apr-17 20:00:00	0	25	859	5434
10-Apr-17 20:30:00	0	26	856	5434
10-Apr-17 21:00:00	0	26	854	5434
10-Apr-17 21:30:00	0	27	851	5434
10-Apr-17 22:00:00	0	27	849	5434
10-Apr-17 22:30:00	0	27	847	5434
10-Apr-17 23:00:00	0	28	844	5434
10-Apr-17 23:30:00	0	28	842	5434
11-Apr-17 00:00:00	0	28	840	5434
11-Apr-17 00:30:00	0	29	838	5434
11-Apr-17 01:00:00	0	29	835	5434
11-Apr-17 01:30:00	0	29	833	5434
11-Apr-17 02:00:00	0	29	831	5434
11-Apr-17 02:30:00	0	30	830	5434
11-Apr-17 03:00:00	0	30	828	5434
11-Apr-17 03:30:00	0	30	826	5434
11-Apr-17 04:00:00	0	31	824	5434
11-Apr-17 04:30:00	0	31	822	5434
11-Apr-17 05:00:00	0	31	821	5434
11-Apr-17 05:30:00	0	31	819	5434
11-Apr-17 06:00:00	0	32	817	5434
11-Apr-17 06:30:00	0	32	816	5434
11-Apr-17 07:00:00	0	32	814	5434
11-Apr-17 07:30:00	0	32	813	5434
11-Apr-17 08:00:00	0	33	811	5434
11-Apr-17 08:30:00	0	33	810	5434
11-Apr-17 09:00:00	0	33	808	5434
11-Apr-17 09:30:00	0	34	807	5434
11-Apr-17 10:00:00	0	34	805	5434
11-Apr-17 10:30:00	0	34	804	5434
11-Apr-17 11:00:00	0	35	802	5434
11-Apr-17 11:30:00	0	35	801	5434
11-Apr-17 12:00:00	0	35	800	5434
11-Apr-17 12:30:00	0	36	798	5434
11-Apr-17 13:00:00	0	36	797	5434
11-Apr-17 13:30:00	0	36	796	5434
11-Apr-17 14:00:00	0	37	795	5434

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
11-Apr-17 14:30:00	0	37	793	5434
11-Apr-17 15:00:00	28	27	1390	5446
11-Apr-17 15:30:00	20	13	1391	5462
11-Apr-17 16:00:00	16	9	1390	5475
11-Apr-17 16:30:00	14	7	1391	5486
11-Apr-17 17:00:00	14	6	1392	5496
11-Apr-17 17:30:00	12	6	1393	5505
11-Apr-17 18:00:00	12	5	1392	5514
11-Apr-17 18:30:00	11	5	1392	5522
11-Apr-17 19:00:00	9	5	1392	5529
11-Apr-17 19:30:00	0	5	1392	5534
11-Apr-17 20:00:00	8	5	1392	5537
11-Apr-17 20:30:00	0	5	1392	5537
11-Apr-17 21:00:00	0	4	1392	5537
11-Apr-17 21:30:00	0	5	1393	5537
11-Apr-17 22:00:00	0	4	1214	5537
11-Apr-17 22:30:00	0	5	1057	5537
11-Apr-17 23:00:00	0	7	1010	5537
11-Apr-17 23:30:00	0	8	987	5537
12-Apr-17 00:00:00	0	9	966	5537
12-Apr-17 00:30:00	0	10	955	5537
12-Apr-17 01:00:00	0	11	945	5537
12-Apr-17 01:30:00	0	12	937	5537
12-Apr-17 02:00:00	0	13	929	5537
12-Apr-17 02:30:00	0	14	922	5537
12-Apr-17 03:00:00	0	15	915	5537
12-Apr-17 03:30:00	0	16	910	5537
12-Apr-17 04:00:00	0	17	904	5537
12-Apr-17 04:30:00	0	17	898	5537
12-Apr-17 05:00:00	0	18	894	5537
12-Apr-17 05:30:00	0	19	889	5537
12-Apr-17 06:00:00	0	20	884	5537
12-Apr-17 06:30:00	0	20	880	5537
12-Apr-17 07:00:00	0	21	877	5537
12-Apr-17 07:30:00	0	22	873	5537
12-Apr-17 08:00:00	21	15	1392	5551
12-Apr-17 08:30:00	15	9	1392	5564
12-Apr-17 09:00:00	13	7	1391	5574
12-Apr-17 09:30:00	11	6	1392	5583
12-Apr-17 10:00:00	12	6	1392	5591
12-Apr-17 10:30:00	10	5	1392	5599
12-Apr-17 11:00:00	0	5	1391	5604
12-Apr-17 11:30:00	1	5	1391	5607
12-Apr-17 12:00:00	0	5	1392	5607
12-Apr-17 12:30:00	0	5	1135	5607
12-Apr-17 13:00:00	0	6	1045	5607
12-Apr-17 13:30:00	0	7	1009	5607
12-Apr-17 14:00:00	0	8	993	5607
12-Apr-17 14:30:00	0	10	980	5607
12-Apr-17 15:00:00	0	11	969	5607
12-Apr-17 15:30:00	0	12	960	5607
12-Apr-17 16:00:00	0	13	951	5607
12-Apr-17 16:30:00	0	14	943	5607
12-Apr-17 17:00:00	0	15	936	5607
12-Apr-17 17:30:00	0	16	929	5607
12-Apr-17 18:00:00	0	16	923	5607
12-Apr-17 18:30:00	0	17	918	5607

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
12-Apr-17 19:00:00	0	18	912	5607
12-Apr-17 19:30:00	0	19	907	5607
12-Apr-17 20:00:00	0	19	902	5607
12-Apr-17 20:30:00	0	20	898	5607
12-Apr-17 21:00:00	0	21	894	5607
12-Apr-17 21:30:00	0	21	889	5607
12-Apr-17 22:00:00	0	22	886	5607
12-Apr-17 22:30:00	0	22	887	5607
12-Apr-17 23:00:00	0	23	878	5607
12-Apr-17 23:30:00	0	23	875	5607
13-Apr-17 00:00:00	0	24	872	5607
13-Apr-17 00:30:00	0	24	869	5607
13-Apr-17 01:00:00	0	25	866	5607
13-Apr-17 01:30:00	0	25	863	5607
13-Apr-17 02:00:00	0	26	860	5607
13-Apr-17 02:30:00	0	26	858	5607
13-Apr-17 03:00:00	0	26	855	5607
13-Apr-17 03:30:00	0	27	852	5607
13-Apr-17 04:00:00	0	27	850	5607
13-Apr-17 04:30:00	0	27	848	5607
13-Apr-17 05:00:00	0	28	845	5607
13-Apr-17 05:30:00	0	28	843	5607
13-Apr-17 06:00:00	0	28	841	5607
13-Apr-17 06:30:00	0	29	839	5607
13-Apr-17 07:00:00	0	29	837	5607
13-Apr-17 07:30:00	28	25	1391	5617
13-Apr-17 08:00:00	19	12	1391	5632
13-Apr-17 08:30:00	15	8	1391	5644
13-Apr-17 09:00:00	13	7	1391	5655
13-Apr-17 09:30:00	13	6	1393	5664
13-Apr-17 10:00:00	12	5	1392	5673
13-Apr-17 10:30:00	12	5	1392	5681
13-Apr-17 11:00:00	8	5	1392	5688
13-Apr-17 11:30:00	1	5	1391	5691
13-Apr-17 12:00:00	9	5	1392	5693
13-Apr-17 12:30:00	0	5	1391	5694
13-Apr-17 13:00:00	0	5	1120	5694
13-Apr-17 13:30:00	0	6	1041	5694
13-Apr-17 14:00:00	0	7	1008	5694
13-Apr-17 14:30:00	0	8	992	5694
13-Apr-17 15:00:00	0	10	979	5694
13-Apr-17 15:30:00	0	11	969	5694
13-Apr-17 16:00:00	0	12	959	5694
13-Apr-17 16:30:00	0	13	950	5694
13-Apr-17 17:00:00	0	14	943	5694
13-Apr-17 17:30:00	0	15	935	5694
13-Apr-17 18:00:00	0	16	929	5694
13-Apr-17 18:30:00	0	17	923	5694
13-Apr-17 19:00:00	0	17	917	5694
13-Apr-17 19:30:00	33	21	1318	5695
13-Apr-17 20:00:00	15	11	1391	5710
13-Apr-17 20:30:00	17	9	1391	5720
13-Apr-17 21:00:00	11	8	1393	5728
13-Apr-17 21:30:00	1	7	1392	5734
13-Apr-17 22:00:00	0	6	1392	5736
13-Apr-17 22:30:00	0	6	1392	5736
13-Apr-17 23:00:00	0	6	1393	5736

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
13-Apr-17 23:30:00	0	6	1393	5735
14-Apr-17 00:00:00	0	6	1163	5735
14-Apr-17 00:30:00	0	7	1058	5735
14-Apr-17 01:00:00	0	8	1018	5735
14-Apr-17 01:30:00	0	9	999	5735
14-Apr-17 02:00:00	0	10	988	5735
14-Apr-17 02:30:00	0	11	977	5735
14-Apr-17 03:00:00	0	12	969	5735
14-Apr-17 03:30:00	0	13	961	5735
14-Apr-17 04:00:00	0	14	953	5735
14-Apr-17 04:30:00	0	15	947	5735
14-Apr-17 05:00:00	0	15	941	5735
14-Apr-17 05:30:00	0	16	935	5735
14-Apr-17 06:00:00	0	17	929	5735
14-Apr-17 06:30:00	0	18	924	5735
14-Apr-17 07:00:00	0	18	919	5735
14-Apr-17 07:30:00	0	19	915	5735
14-Apr-17 08:00:00	0	19	910	5735
14-Apr-17 08:30:00	0	20	906	5735
14-Apr-17 09:00:00	0	21	902	5735
14-Apr-17 09:30:00	0	21	898	5735
14-Apr-17 10:00:00	0	22	895	5735
14-Apr-17 10:30:00	0	22	891	5735
14-Apr-17 11:00:00	0	23	887	5735
14-Apr-17 11:30:00	0	24	884	5735
14-Apr-17 12:00:00	0	24	881	5735
14-Apr-17 12:30:00	0	25	878	5735
14-Apr-17 13:00:00	19	25	1290	5740
14-Apr-17 13:30:00	10	16	1292	5749
14-Apr-17 14:00:00	0	16	1292	5749
14-Apr-17 14:30:00	14	11	1392	5757
14-Apr-17 15:00:00	12	9	1391	5766
14-Apr-17 15:30:00	10	8	1392	5774
14-Apr-17 16:00:00	0	7	1393	5777
14-Apr-17 16:30:00	0	7	1392	5777
14-Apr-17 17:00:00	0	6	1174	5777
14-Apr-17 17:30:00	0	8	1043	5777
14-Apr-17 18:00:00	0	9	1004	5777
14-Apr-17 18:30:00	0	10	987	5777
14-Apr-17 19:00:00	0	12	976	5777
14-Apr-17 19:30:00	0	13	965	5777
14-Apr-17 20:00:00	0	14	956	5777
14-Apr-17 20:30:00	0	15	949	5777
14-Apr-17 21:00:00	0	16	941	5777
14-Apr-17 21:30:00	0	17	935	5777
14-Apr-17 22:00:00	0	18	929	5777
14-Apr-17 22:30:00	0	18	923	5777
14-Apr-17 23:00:00	0	19	918	5777
14-Apr-17 23:30:00	0	20	913	5777
15-Apr-17 00:00:00	0	20	908	5777
15-Apr-17 00:30:00	24	19	1391	5785
15-Apr-17 01:00:00	14	12	1392	5797
15-Apr-17 01:30:00	12	9	1392	5807
15-Apr-17 02:00:00	11	8	1393	5815
15-Apr-17 02:30:00	8	7	1392	5821
15-Apr-17 03:00:00	0	7	1392	5822
15-Apr-17 03:30:00	0	6	1392	5822

Infection Well Monthly Reportable Information - April 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
15-Apr-17 04:00:00	0	6	1393	5822
15-Apr-17 04:30:00	0	6	1393	5822
15-Apr-17 05:00:00	0	6	1262	5821
15-Apr-17 05:30:00	0	7	1071	5821
15-Apr-17 06:00:00	0	8	1028	5821
15-Apr-17 06:30:00	0	9	1011	5821
15-Apr-17 07:00:00	0	10	999	5821
15-Apr-17 07:30:00	0	11	988	5821
15-Apr-17 08:00:00	0	12	979	5821
15-Apr-17 08:30:00	0	13	970	5821
15-Apr-17 09:00:00	0	14	962	5821
15-Apr-17 09:30:00	0	15	955	5821
15-Apr-17 10:00:00	0	16	948	5821
15-Apr-17 10:30:00	0	17	942	5821
15-Apr-17 11:00:00	0	17	936	5821
15-Apr-17 11:30:00	0	18	931	5821
15-Apr-17 12:00:00	0	19	926	5821
15-Apr-17 12:30:00	0	20	921	5821
15-Apr-17 13:00:00	0	20	917	5821
15-Apr-17 13:30:00	0	21	912	5821
15-Apr-17 14:00:00	0	22	909	5821
15-Apr-17 14:30:00	0	22	904	5821
15-Apr-17 15:00:00	0	23	901	5821
15-Apr-17 15:30:00	0	23	897	5821
15-Apr-17 16:00:00	0	24	895	5821
15-Apr-17 16:30:00	0	24	891	5821
15-Apr-17 17:00:00	0	25	888	5821
15-Apr-17 17:30:00	0	25	885	5821
15-Apr-17 18:00:00	0	26	882	5821
15-Apr-17 18:30:00	0	26	879	5821
15-Apr-17 19:00:00	0	27	877	5821
15-Apr-17 19:30:00	0	27	874	5821
15-Apr-17 20:00:00	0	28	871	5821
15-Apr-17 20:30:00	0	28	869	5821
15-Apr-17 21:00:00	0	28	867	5821
15-Apr-17 21:30:00	0	29	865	5821
15-Apr-17 22:00:00	0	29	862	5821
15-Apr-17 22:30:00	0	29	860	5821
15-Apr-17 23:00:00	0	29	858	5821
15-Apr-17 23:30:00	0	30	856	5821
16-Apr-17 00:00:00	0	30	854	5821
16-Apr-17 00:30:00	0	29	856	5822
16-Apr-17 01:00:00	0	30	853	5822
16-Apr-17 01:30:00	0	30	850	5822
16-Apr-17 02:00:00	0	30	848	5822
16-Apr-17 02:30:00	0	31	846	5822
16-Apr-17 03:00:00	0	31	844	5822
16-Apr-17 03:30:00	0	31	842	5822
16-Apr-17 04:00:00	0	31	840	5822
16-Apr-17 04:30:00	0	32	838	5822
16-Apr-17 05:00:00	0	32	837	5822
16-Apr-17 05:30:00	0	32	835	5822
16-Apr-17 06:00:00	0	32	833	5822
16-Apr-17 06:30:00	0	33	832	5822
16-Apr-17 07:00:00	0	33	831	5822
16-Apr-17 07:30:00	0	33	829	5822
16-Apr-17 08:00:00	0	33	827	5822

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Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Pressure (psl)	Totalizer (bbls)
16-Apr-17 08:30:00	0	34	826	5822
16-Apr-17 09:00:00	0	34	824	5822
16-Apr-17 09:30:00	0	34	823	5822
16-Apr-17 10:00:00	0	34	821	5822
16-Apr-17 10:30:00	0	35	820	5822
16-Apr-17 11:00:00	0	35	819	5822
16-Apr-17 11:30:00	0	35	817	5822
16-Apr-17 12:00:00	0	36	815	5822
16-Apr-17 12:30:00	0	36	814	5822
16-Apr-17 13:00:00	0	36	813	5822
16-Apr-17 13:30:00	0	37	811	5822
16-Apr-17 14:00:00	0	37	810	5822
16-Apr-17 14:30:00	0	37	809	5822
16-Apr-17 15:00:00	0	37	808	5822
16-Apr-17 15:30:00	0	38	807	5822
16-Apr-17 16:00:00	0	38	806	5822
16-Apr-17 16:30:00	0	38	805	5822
16-Apr-17 17:00:00	0	38	803	5822
16-Apr-17 17:30:00	0	39	802	5822
16-Apr-17 18:00:00	0	39	801	5822
16-Apr-17 18:30:00	0	39	800	5822
16-Apr-17 19:00:00	0	39	799	5822
16-Apr-17 19:30:00	0	39	798	5822
16-Apr-17 20:00:00	0	39	797	5822
16-Apr-17 20:30:00	0	40	796	5822
16-Apr-17 21:00:00	0	40	795	5822
16-Apr-17 21:30:00	0	40	794	5822
16-Apr-17 22:00:00	0	40	793	5822
16-Apr-17 22:30:00	0	40	792	5822
16-Apr-17 23:00:00	0	40	791	5822
16-Apr-17 23:30:00	0	40	790	5822
17-Apr-17 00:00:00	0	40	789	5822
17-Apr-17 00:30:00	0	40	788	5822
17-Apr-17 01:00:00	0	40	787	5822
17-Apr-17 01:30:00	0	41	786	5822
17-Apr-17 02:00:00	0	41	785	5822
17-Apr-17 02:30:00	0	41	784	5822
17-Apr-17 03:00:00	0	41	783	5822
17-Apr-17 03:30:00	0	41	783	5822
17-Apr-17 04:00:00	0	41	782	5822
17-Apr-17 04:30:00	0	41	781	5822
17-Apr-17 05:00:00	0	41	780	5822
17-Apr-17 05:30:00	0	41	779	5822
17-Apr-17 06:00:00	0	41	778	5822
17-Apr-17 06:30:00	0	41	777	5822
17-Apr-17 07:00:00	0	41	777	5822
17-Apr-17 07:30:00	0	41	776	5822
17-Apr-17 08:00:00	22	24	1390	5838
17-Apr-17 08:30:00	18	14	1391	5853
17-Apr-17 09:00:00	15	10	1390	5865
17-Apr-17 09:30:00	15	8	1392	5875
17-Apr-17 10:00:00	13	7	1391	5885
17-Apr-17 10:30:00	12	7	1392	5893
17-Apr-17 11:00:00	12	6	1392	5902
17-Apr-17 11:30:00	10	6	1391	5909
17-Apr-17 12:00:00	10	6	1392	5915
17-Apr-17 12:30:00	8	6	1392	5918

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
17-Apr-17 13:00:00	0	7	1052	5918
17-Apr-17 13:30:00	0	8	994	5918
17-Apr-17 14:00:00	0	10	958	5918
17-Apr-17 14:30:00	0	11	933	5918
17-Apr-17 15:00:00	0	13	918	5918
17-Apr-17 15:30:00	12	12	1341	5927
17-Apr-17 16:00:00	1	10	1342	5934
17-Apr-17 16:30:00	0	9	1342	5935
17-Apr-17 17:00:00	0	9	1342	5934
17-Apr-17 17:30:00	0	8	1342	5933
17-Apr-17 18:00:00	0	8	1343	5932
17-Apr-17 18:30:00	0	8	1342	5932
17-Apr-17 19:00:00	0	8	1342	5931
17-Apr-17 19:30:00	0	8	1342	5930
17-Apr-17 20:00:00	0	8	1344	5930
17-Apr-17 20:30:00	0	8	1343	5929
17-Apr-17 21:00:00	0	8	1343	5929
17-Apr-17 21:30:00	0	8	1343	5929
17-Apr-17 22:00:00	0	8	1342	5929
17-Apr-17 22:30:00	0	8	1103	5929
17-Apr-17 23:00:00	0	9	1026	5929
17-Apr-17 23:30:00	0	10	991	5929
18-Apr-17 00:00:00	0	12	967	5929
18-Apr-17 00:30:00	0	13	955	5929
18-Apr-17 01:00:00	0	14	946	5929
18-Apr-17 01:30:00	0	15	938	5929
18-Apr-17 02:00:00	0	16	931	5929
18-Apr-17 02:30:00	0	16	925	5929
18-Apr-17 03:00:00	0	17	919	5929
18-Apr-17 03:30:00	0	18	913	5929
18-Apr-17 04:00:00	0	19	907	5929
18-Apr-17 04:30:00	0	20	903	5929
18-Apr-17 05:00:00	0	20	898	5929
18-Apr-17 05:30:00	0	21	894	5929
18-Apr-17 06:00:00	0	22	889	5929
18-Apr-17 06:30:00	0	22	885	5929
18-Apr-17 07:00:00	0	23	882	5929
18-Apr-17 07:30:00	0	23	878	5929
18-Apr-17 08:00:00	17	22	1342	5937
18-Apr-17 08:30:00	12	15	1343	5946
18-Apr-17 09:00:00	15	12	1391	5953
18-Apr-17 09:30:00	12	10	1393	5962
18-Apr-17 10:00:00	1	9	1391	5970
18-Apr-17 10:30:00	0	8	1391	5975
18-Apr-17 11:00:00	0	8	1049	5975
18-Apr-17 11:30:00	0	10	993	5975
18-Apr-17 12:00:00	0	11	967	5975
18-Apr-17 12:30:00	0	13	954	5975
18-Apr-17 13:00:00	0	14	944	5975
18-Apr-17 13:30:00	0	15	935	5975
18-Apr-17 14:00:00	0	16	927	5975
18-Apr-17 14:30:00	0	17	920	5975
18-Apr-17 15:00:00	0	18	914	5975
18-Apr-17 15:30:00	0	19	907	5975
18-Apr-17 16:00:00	0	20	903	5975
18-Apr-17 16:30:00	0	21	898	5975
18-Apr-17 17:00:00	0	22	893	5975

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Root Path:	Flowrate (gpm)	Casing Pressure (psf)	Injection Pressure (psf)	Totalizer (bbls)
18-Apr-17 17:30:00	0	23	889	5975
18-Apr-17 18:00:00	0	23	884	5975
18-Apr-17 18:30:00	0	24	881	5975
18-Apr-17 19:00:00	0	25	877	5975
18-Apr-17 19:30:00	0	25	873	5975
18-Apr-17 20:00:00	0	26	870	5975
18-Apr-17 20:30:00	0	26	867	5975
18-Apr-17 21:00:00	0	27	864	5975
18-Apr-17 21:30:00	0	27	861	5975
18-Apr-17 22:00:00	0	28	858	5975
18-Apr-17 22:30:00	0	28	855	5975
18-Apr-17 23:00:00	0	29	853	5975
18-Apr-17 23:30:00	0	29	850	5975
19-Apr-17 00:00:00	0	30	848	5975
19-Apr-17 00:30:00	0	30	846	5975
19-Apr-17 01:00:00	0	30	843	5975
19-Apr-17 01:30:00	0	31	841	5975
19-Apr-17 02:00:00	0	31	839	5975
19-Apr-17 02:30:00	0	31	836	5975
19-Apr-17 03:00:00	0	32	835	5975
19-Apr-17 03:30:00	0	32	833	5975
19-Apr-17 04:00:00	0	32	831	5975
19-Apr-17 04:30:00	0	33	829	5975
19-Apr-17 05:00:00	0	33	828	5975
19-Apr-17 05:30:00	0	33	826	5975
19-Apr-17 06:00:00	0	33	824	5975
19-Apr-17 06:30:00	0	34	822	5975
19-Apr-17 07:00:00	0	34	821	5975
19-Apr-17 07:30:00	0	34	819	5975
19-Apr-17 08:00:00	16	29	1292	5983
19-Apr-17 08:30:00	12	19	1292	5993
19-Apr-17 09:00:00	0	15	1291	5998
19-Apr-17 09:30:00	0	14	1293	5998
19-Apr-17 10:00:00	0	13	1292	5998
19-Apr-17 10:30:00	0	12	1292	5998
19-Apr-17 11:00:00	13	10	1392	6007
19-Apr-17 11:30:00	11	9	1391	6015
19-Apr-17 12:00:00	10	8	1392	6023
19-Apr-17 12:30:00	9	8	1392	6026
19-Apr-17 13:00:00	0	8	1392	6027
19-Apr-17 13:30:00	0	7	1134	6027
19-Apr-17 14:00:00	0	9	1032	6027
19-Apr-17 14:30:00	0	10	988	6027
19-Apr-17 15:00:00	0	12	967	6027
19-Apr-17 15:30:00	0	13	949	6027
19-Apr-17 16:00:00	0	14	939	6027
19-Apr-17 16:30:00	0	15	930	6027
19-Apr-17 17:00:00	0	17	922	6027
19-Apr-17 17:30:00	0	18	915	6027
19-Apr-17 18:00:00	0	19	909	6027
19-Apr-17 18:30:00	0	20	903	6027
19-Apr-17 19:00:00	0	21	898	6027
19-Apr-17 19:30:00	0	22	893	6027
19-Apr-17 20:00:00	0	22	888	6027
19-Apr-17 20:30:00	0	23	884	6027
19-Apr-17 21:00:00	0	23	883	6027
19-Apr-17 21:30:00	0	24	880	6027

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
19-Apr-17 22:00:00	0	24	875	6027
19-Apr-17 22:30:00	0	25	871	6027
19-Apr-17 23:00:00	0	26	866	6027
19-Apr-17 23:30:00	0	26	863	6027
20-Apr-17 00:00:00	0	27	860	6027
20-Apr-17 00:30:00	0	27	857	6027
20-Apr-17 01:00:00	0	28	854	6027
20-Apr-17 01:30:00	0	28	853	6027
20-Apr-17 02:00:00	0	29	848	6027
20-Apr-17 02:30:00	0	29	845	6027
20-Apr-17 03:00:00	0	30	843	6027
20-Apr-17 03:30:00	0	30	841	6027
20-Apr-17 04:00:00	0	30	838	6027
20-Apr-17 04:30:00	0	31	836	6027
20-Apr-17 05:00:00	0	31	834	6027
20-Apr-17 05:30:00	0	31	831	6027
20-Apr-17 06:00:00	0	32	830	6027
20-Apr-17 06:30:00	0	32	828	6027
20-Apr-17 07:00:00	0	32	826	6027
20-Apr-17 07:30:00	36	38	1383	6031
20-Apr-17 08:00:00	19	17	1392	6048
20-Apr-17 08:30:00	15	12	1391	6059
20-Apr-17 09:00:00	14	10	1392	6069
20-Apr-17 09:30:00	11	8	1392	6078
20-Apr-17 10:00:00	11	8	1392	6086
20-Apr-17 10:30:00	2	7	1320	6093
20-Apr-17 11:00:00	0	8	1030	6093
20-Apr-17 11:30:00	0	10	979	6093
20-Apr-17 12:00:00	0	11	952	6093
20-Apr-17 12:30:00	0	13	938	6093
20-Apr-17 13:00:00	0	14	928	6093
20-Apr-17 13:30:00	0	16	919	6093
20-Apr-17 14:00:00	0	17	911	6092
20-Apr-17 14:30:00	0	18	905	6092
20-Apr-17 15:00:00	0	19	898	6092
20-Apr-17 15:30:00	0	20	892	6092
20-Apr-17 16:00:00	0	21	887	6092
20-Apr-17 16:30:00	0	22	882	6092
20-Apr-17 17:00:00	0	23	877	6092
20-Apr-17 17:30:00	0	24	873	6092
20-Apr-17 18:00:00	0	25	869	6092
20-Apr-17 18:30:00	0	25	865	6092
20-Apr-17 19:00:00	0	26	862	6092
20-Apr-17 19:30:00	0	27	858	6092
20-Apr-17 20:00:00	0	27	855	6092
20-Apr-17 20:30:00	15	27	1241	6098
20-Apr-17 21:00:00	11	19	1292	6105
20-Apr-17 21:30:00	0	15	1293	6109
20-Apr-17 22:00:00	0	13	1293	6109
20-Apr-17 22:30:00	0	12	1292	6108
20-Apr-17 23:00:00	0	11	1293	6107
21-Apr-17 23:30:00	0	11	1293	6106
21-Apr-17 00:00:00	0	11	1013	6106
21-Apr-17 00:30:00	0	12	960	6106
21-Apr-17 01:00:00	0	14	943	6106
21-Apr-17 01:30:00	0	15	932	6106
21-Apr-17 02:00:00	0	16	922	6106

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
21-Apr-17 02:30:00	0	18	914	6106
21-Apr-17 03:00:00	0	19	907	6106
21-Apr-17 03:30:00	0	20	900	6106
21-Apr-17 04:00:00	0	21	895	6106
21-Apr-17 04:30:00	0	21	889	6106
21-Apr-17 05:00:00	16	18	1342	6115
21-Apr-17 05:30:00	12	13	1342	6125
21-Apr-17 06:00:00	0	11	1341	6132
21-Apr-17 06:30:00	0	10	1343	6133
21-Apr-17 07:00:00	0	9	1343	6133
21-Apr-17 07:30:00	12	8	1392	6135
21-Apr-17 08:00:00	8	8	1392	6141
21-Apr-17 08:30:00	1	7	1392	6144
21-Apr-17 09:00:00	0	7	1096	6144
21-Apr-17 09:30:00	0	8	1024	6144
21-Apr-17 10:00:00	0	10	995	6144
21-Apr-17 10:30:00	0	11	980	6144
21-Apr-17 11:00:00	0	12	968	6144
21-Apr-17 11:30:00	0	14	957	6144
21-Apr-17 12:00:00	0	15	948	6144
21-Apr-17 12:30:00	0	16	940	6144
21-Apr-17 13:00:00	0	17	933	6144
21-Apr-17 13:30:00	0	18	925	6144
21-Apr-17 14:00:00	0	19	919	6144
21-Apr-17 14:30:00	0	19	914	6144
21-Apr-17 15:00:00	17	15	1392	6156
21-Apr-17 15:30:00	12	11	1391	6166
21-Apr-17 16:00:00	11	9	1392	6174
21-Apr-17 16:30:00	10	8	1391	6181
21-Apr-17 17:00:00	0	8	1392	6184
21-Apr-17 17:30:00	0	8	1391	6183
21-Apr-17 18:00:00	0	7	1392	6183
21-Apr-17 18:30:00	0	7	1131	6182
21-Apr-17 19:00:00	0	9	1044	6182
21-Apr-17 19:30:00	0	10	1008	6182
21-Apr-17 20:00:00	0	11	992	6182
21-Apr-17 20:30:00	12	10	1393	6191
21-Apr-17 21:00:00	10	9	1392	6199
21-Apr-17 21:30:00	0	8	1392	6201
21-Apr-17 22:00:00	0	7	1143	6200
21-Apr-17 22:30:00	0	8	1048	6200
21-Apr-17 23:00:00	0	10	1018	6200
21-Apr-17 23:30:00	0	11	1002	6200
22-Apr-17 00:00:00	0	12	990	6200
22-Apr-17 00:30:00	0	13	980	6200
22-Apr-17 01:00:00	24	13	1365	6205
22-Apr-17 01:30:00	12	10	1392	6215
22-Apr-17 02:00:00	1	9	1392	6222
22-Apr-17 02:30:00	0	8	1392	6222
22-Apr-17 03:00:00	0	7	1175	6222
22-Apr-17 03:30:00	0	8	1056	6222
22-Apr-17 04:00:00	0	10	1023	6222
22-Apr-17 04:30:00	1	11	1292	6223
22-Apr-17 05:00:00	11	9	1392	6231
22-Apr-17 05:30:00	0	8	1185	6235
22-Apr-17 06:00:00	0	9	1047	6235
22-Apr-17 06:30:00	0	10	1023	6235

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
22-Apr-17 07:00:00	0	11	1008	6235
22-Apr-17 07:30:00	0	12	996	6235
22-Apr-17 08:00:00	0	13	986	6235
22-Apr-17 08:30:00	0	14	977	6235
22-Apr-17 09:00:00	0	15	969	6235
22-Apr-17 09:30:00	0	16	961	6235
22-Apr-17 10:00:00	0	17	955	6235
22-Apr-17 10:30:00	0	18	949	6235
22-Apr-17 11:00:00	0	18	943	6235
22-Apr-17 11:30:00	0	19	938	6235
22-Apr-17 12:00:00	0	20	932	6235
22-Apr-17 12:30:00	0	20	928	6235
22-Apr-17 13:00:00	0	21	923	6235
22-Apr-17 13:30:00	0	22	919	6235
22-Apr-17 14:00:00	0	22	914	6235
22-Apr-17 14:30:00	0	23	911	6235
22-Apr-17 15:00:00	0	24	907	6235
22-Apr-17 15:30:00	0	24	903	6235
22-Apr-17 16:00:00	0	25	900	6235
22-Apr-17 16:30:00	0	25	897	6235
22-Apr-17 17:00:00	0	26	893	6235
22-Apr-17 17:30:00	0	26	890	6235
22-Apr-17 18:00:00	0	27	888	6235
22-Apr-17 18:30:00	0	27	884	6235
22-Apr-17 19:00:00	0	28	882	6235
22-Apr-17 19:30:00	0	28	879	6235
22-Apr-17 20:00:00	0	28	876	6235
22-Apr-17 20:30:00	0	29	874	6235
22-Apr-17 21:00:00	0	29	872	6235
22-Apr-17 21:30:00	0	29	869	6235
22-Apr-17 22:00:00	0	30	867	6235
22-Apr-17 22:30:00	0	30	865	6235
22-Apr-17 23:00:00	0	30	862	6235
22-Apr-17 23:30:00	0	31	861	6235
23-Apr-17 00:00:00	0	31	859	6235
23-Apr-17 00:30:00	0	31	856	6235
23-Apr-17 01:00:00	0	31	855	6235
23-Apr-17 01:30:00	0	31	853	6235
23-Apr-17 02:00:00	0	32	851	6235
23-Apr-17 02:30:00	0	32	849	6235
23-Apr-17 03:00:00	0	32	847	6235
23-Apr-17 03:30:00	0	32	845	6235
23-Apr-17 04:00:00	0	33	844	6235
23-Apr-17 04:30:00	0	33	842	6235
23-Apr-17 05:00:00	0	33	840	6235
23-Apr-17 05:30:00	0	33	839	6235
23-Apr-17 06:00:00	0	33	837	6235
23-Apr-17 06:30:00	0	34	835	6235
23-Apr-17 07:00:00	0	34	834	6235
23-Apr-17 07:30:00	0	34	832	6235
23-Apr-17 08:00:00	0	34	831	6235
23-Apr-17 08:30:00	0	35	829	6235
23-Apr-17 09:00:00	0	35	828	6235
23-Apr-17 09:30:00	0	35	826	6235
23-Apr-17 10:00:00	0	36	825	6235
23-Apr-17 10:30:00	44	44	1388	6237
23-Apr-17 11:00:00	17	19	1391	6253

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
23-Apr-17 11:30:00	14	13	1391	6264
23-Apr-17 12:00:00	13	11	1392	6273
23-Apr-17 12:30:00	11	10	1391	6282
23-Apr-17 13:00:00	9	9	1392	6288
23-Apr-17 13:30:00	0	9	1391	6290
23-Apr-17 14:00:00	0	8	1392	6290
23-Apr-17 14:30:00	0	8	1392	6289
23-Apr-17 15:00:00	0	8	1393	6288
23-Apr-17 15:30:00	0	8	1392	6288
23-Apr-17 16:00:00	0	8	1113	6287
23-Apr-17 16:30:00	0	9	1033	6287
23-Apr-17 17:00:00	0	11	992	6287
23-Apr-17 17:30:00	0	12	964	6287
23-Apr-17 18:00:00	0	13	947	6287
23-Apr-17 18:30:00	0	15	938	6287
23-Apr-17 19:00:00	0	16	931	6287
23-Apr-17 19:30:00	0	17	924	6287
23-Apr-17 20:00:00	0	18	918	6287
23-Apr-17 20:30:00	0	19	912	6287
23-Apr-17 21:00:00	0	20	907	6287
23-Apr-17 21:30:00	0	21	902	6287
23-Apr-17 22:00:00	0	22	897	6287
23-Apr-17 22:30:00	0	22	893	6287
23-Apr-17 23:00:00	0	23	889	6287
23-Apr-17 23:30:00	0	24	885	6287
24-Apr-17 00:00:00	0	24	881	6287
24-Apr-17 00:30:00	0	25	878	6287
24-Apr-17 01:00:00	0	26	875	6287
24-Apr-17 01:30:00	0	26	871	6287
24-Apr-17 02:00:00	0	27	869	6287
24-Apr-17 02:30:00	0	27	865	6287
24-Apr-17 03:00:00	0	28	863	6287
24-Apr-17 03:30:00	0	28	860	6287
24-Apr-17 04:00:00	0	29	858	6287
24-Apr-17 04:30:00	0	29	855	6287
24-Apr-17 05:00:00	0	30	852	6287
24-Apr-17 05:30:00	0	30	851	6287
24-Apr-17 06:00:00	0	31	848	6287
24-Apr-17 06:30:00	0	31	846	6287
24-Apr-17 07:00:00	0	31	844	6287
24-Apr-17 07:30:00	0	32	842	6287
24-Apr-17 08:00:00	0	33	907	6288
24-Apr-17 08:30:00	14	22	1390	6300
24-Apr-17 09:00:00	12	16	1392	6309
24-Apr-17 09:30:00	8	14	1393	6315
24-Apr-17 10:00:00	0	12	1234	6316
24-Apr-17 10:30:00	0	13	1006	6316
24-Apr-17 11:00:00	0	14	950	6316
24-Apr-17 11:30:00	0	16	918	6316
24-Apr-17 12:00:00	0	18	897	6316
24-Apr-17 12:30:00	0	19	888	6316
24-Apr-17 13:00:00	0	20	883	6316
24-Apr-17 13:30:00	0	21	878	6316
24-Apr-17 14:00:00	0	22	874	6316
24-Apr-17 14:30:00	0	23	870	6316
24-Apr-17 15:00:00	0	24	866	6316
24-Apr-17 15:30:00	0	25	863	6316

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bb's)
24-Apr-17 16:00:00	0	26	860	6316
24-Apr-17 16:30:00	0	27	857	6316
24-Apr-17 17:00:00	0	28	854	6316
24-Apr-17 17:30:00	0	28	853	6316
24-Apr-17 18:00:00	0	29	848	6316
24-Apr-17 18:30:00	0	29	846	6316
24-Apr-17 19:00:00	0	30	843	6316
24-Apr-17 19:30:00	0	31	841	6316
24-Apr-17 20:00:00	0	31	839	6316
24-Apr-17 20:30:00	0	32	837	6316
24-Apr-17 21:00:00	0	32	835	6316
24-Apr-17 21:30:00	0	32	833	6316
24-Apr-17 22:00:00	0	33	831	6316
24-Apr-17 22:30:00	0	33	829	6316
24-Apr-17 23:00:00	0	34	827	6316
24-Apr-17 23:30:00	0	34	825	6316
25-Apr-17 00:00:00	0	34	824	6316
25-Apr-17 00:30:00	0	35	822	6316
25-Apr-17 01:00:00	0	35	820	6316
25-Apr-17 01:30:00	0	35	819	6316
25-Apr-17 02:00:00	0	36	817	6316
25-Apr-17 02:30:00	0	36	816	6316
25-Apr-17 03:00:00	0	36	814	6316
25-Apr-17 03:30:00	0	36	813	6316
25-Apr-17 04:00:00	0	37	812	6316
25-Apr-17 04:30:00	0	37	810	6316
25-Apr-17 05:00:00	0	37	809	6316
25-Apr-17 05:30:00	0	37	808	6316
25-Apr-17 06:00:00	0	38	806	6316
25-Apr-17 06:30:00	0	38	805	6316
25-Apr-17 07:00:00	0	38	804	6316
25-Apr-17 07:30:00	0	38	802	6316
25-Apr-17 08:00:00	0	38	801	6316
25-Apr-17 08:30:00	0	39	800	6316
25-Apr-17 09:00:00	28	45	1391	6320
25-Apr-17 09:30:00	16	21	1391	6334
25-Apr-17 10:00:00	13	15	1392	6344
25-Apr-17 10:30:00	12	12	1392	6353
25-Apr-17 11:00:00	11	10	1393	6361
25-Apr-17 11:30:00	8	10	1391	6366
25-Apr-17 12:00:00	0	9	1391	6367
25-Apr-17 12:30:00	0	9	1069	6367
25-Apr-17 13:00:00	0	11	989	6367
25-Apr-17 13:30:00	0	12	946	6367
25-Apr-17 14:00:00	0	14	919	6367
25-Apr-17 14:30:00	0	15	898	6367
25-Apr-17 15:00:00	0	16	887	6367
25-Apr-17 15:30:00	14	14	1393	6377
25-Apr-17 16:00:00	10	11	1393	6385
25-Apr-17 16:30:00	0	10	1270	6387
25-Apr-17 17:00:00	0	11	1020	6387
25-Apr-17 17:30:00	0	12	953	6387
25-Apr-17 18:00:00	0	13	930	6387
25-Apr-17 18:30:00	0	15	908	6387
25-Apr-17 19:00:00	0	16	895	6387
25-Apr-17 19:30:00	0	17	888	6387
25-Apr-17 20:00:00	0	18	882	6387

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbbls)
25-Apr-17 20:30:00	0	19	877	6387
25-Apr-17 21:00:00	0	20	873	6387
25-Apr-17 21:30:00	0	21	868	6387
25-Apr-17 22:00:00	0	22	864	6387
25-Apr-17 22:30:00	0	23	860	6387
25-Apr-17 23:00:00	0	24	857	6387
25-Apr-17 23:30:00	0	24	853	6387
26-Apr-17 00:00:00	0	25	850	6387
26-Apr-17 00:30:00	0	26	847	6387
26-Apr-17 01:00:00	0	27	844	6387
26-Apr-17 01:30:00	0	27	841	6387
26-Apr-17 02:00:00	0	28	839	6387
26-Apr-17 02:30:00	0	28	836	6387
26-Apr-17 03:00:00	0	29	834	6387
26-Apr-17 03:30:00	0	29	832	6387
26-Apr-17 04:00:00	0	30	829	6387
26-Apr-17 04:30:00	0	30	827	6387
26-Apr-17 05:00:00	0	31	825	6387
26-Apr-17 05:30:00	0	31	823	6387
26-Apr-17 06:00:00	0	31	821	6387
26-Apr-17 06:30:00	0	32	819	6387
26-Apr-17 07:00:00	0	32	818	6387
26-Apr-17 07:30:00	23	29	1351	6395
26-Apr-17 08:00:00	14	16	1391	6408
26-Apr-17 08:30:00	12	13	1392	6417
26-Apr-17 09:00:00	10	11	1392	6425
26-Apr-17 09:30:00	10	10	1392	6431
26-Apr-17 10:00:00	0	9	1103	6433
26-Apr-17 10:30:00	0	11	996	6433
26-Apr-17 11:00:00	0	12	948	6433
26-Apr-17 11:30:00	0	14	919	6433
26-Apr-17 12:00:00	0	15	898	6433
26-Apr-17 12:30:00	0	17	887	6433
26-Apr-17 13:00:00	25	20	1392	6435
26-Apr-17 13:30:00	12	13	1391	6447
26-Apr-17 14:00:00	12	11	1392	6455
26-Apr-17 14:30:00	-1	10	1391	6461
26-Apr-17 15:00:00	0	9	1133	6462
26-Apr-17 15:30:00	0	10	1015	6462
26-Apr-17 16:00:00	0	12	966	6462
26-Apr-17 16:30:00	0	13	937	6462
26-Apr-17 17:00:00	0	14	915	6462
26-Apr-17 17:30:00	0	16	906	6462
26-Apr-17 18:00:00	0	17	900	6462
26-Apr-17 18:30:00	0	18	893	6462
26-Apr-17 19:00:00	0	19	888	6462
26-Apr-17 19:30:00	0	20	882	6462
26-Apr-17 20:00:00	0	21	878	6462
26-Apr-17 20:30:00	0	22	873	6462
26-Apr-17 21:00:00	0	23	869	6462
26-Apr-17 21:30:00	0	23	865	6462
26-Apr-17 22:00:00	0	24	861	6462
26-Apr-17 22:30:00	0	25	858	6462
26-Apr-17 23:00:00	0	25	854	6462
26-Apr-17 23:30:00	0	26	852	6462
27-Apr-17 00:00:00	0	27	849	6462
27-Apr-17 00:30:00	0	27	846	6462

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Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Pressure (psi)	Totalizer (bbls)
27-Apr-17 01:00:00	0	28	843	6462
27-Apr-17 01:30:00	0	28	840	6462
27-Apr-17 02:00:00	0	29	838	6462
27-Apr-17 02:30:00	0	29	835	6462
27-Apr-17 03:00:00	0	30	833	6462
27-Apr-17 03:30:00	0	30	831	6462
27-Apr-17 04:00:00	0	31	829	6462
27-Apr-17 04:30:00	0	31	827	6462
27-Apr-17 05:00:00	0	31	825	6462
27-Apr-17 05:30:00	0	32	823	6462
27-Apr-17 06:00:00	0	32	821	6462
27-Apr-17 06:30:00	0	32	819	6462
27-Apr-17 07:00:00	15	24	1343	6473
27-Apr-17 07:30:00	11	17	1342	6482
27-Apr-17 08:00:00	0	14	1342	6485
27-Apr-17 08:30:00	11	12	1393	6494
27-Apr-17 09:00:00	10	10	1393	6501
27-Apr-17 09:30:00	8	10	1393	6504
27-Apr-17 10:00:00	0	10	1031	6504
27-Apr-17 10:30:00	0	12	969	6504
27-Apr-17 11:00:00	0	13	934	6504
27-Apr-17 11:30:00	0	14	910	6504
27-Apr-17 12:00:00	0	16	895	6504
27-Apr-17 12:30:00	0	17	888	6504
27-Apr-17 13:00:00	0	18	882	6504
27-Apr-17 13:30:00	0	19	876	6504
27-Apr-17 14:00:00	0	20	870	6504
27-Apr-17 14:30:00	0	21	867	6504
27-Apr-17 15:00:00	18	20	1391	6512
27-Apr-17 15:30:00	13	13	1392	6523
27-Apr-17 16:00:00	11	11	1391	6531
27-Apr-17 16:30:00	0	10	1393	6535
27-Apr-17 17:00:00	0	9	1052	6535
27-Apr-17 17:30:00	0	11	982	6535
27-Apr-17 18:00:00	0	13	944	6535
27-Apr-17 18:30:00	0	14	918	6535
27-Apr-17 19:00:00	0	15	907	6535
27-Apr-17 19:30:00	0	16	900	6535
27-Apr-17 20:00:00	17	17	1392	6541
27-Apr-17 20:30:00	13	12	1392	6551
27-Apr-17 21:00:00	11	10	1392	6559
27-Apr-17 21:30:00	0	9	1342	6562
27-Apr-17 22:00:00	0	8	1138	6562
27-Apr-17 22:30:00	0	9	1025	6562
27-Apr-17 23:00:00	0	11	976	6562
27-Apr-17 23:30:00	0	12	946	6562
28-Apr-17 00:00:00	0	13	928	6562
28-Apr-17 00:30:00	0	14	920	6562
28-Apr-17 01:00:00	0	16	912	6562
28-Apr-17 01:30:00	0	17	906	6562
28-Apr-17 02:00:00	0	18	900	6562
28-Apr-17 02:30:00	0	18	894	6562
28-Apr-17 03:00:00	0	19	889	6562
28-Apr-17 03:30:00	0	20	885	6562
28-Apr-17 04:00:00	27	24	1391	6564
28-Apr-17 04:30:00	13	14	1392	6576
28-Apr-17 05:00:00	10	11	1392	6586

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
28-Apr-17 05:30:00	1	10	1392	6589
28-Apr-17 06:00:00	0	10	1038	6589
28-Apr-17 06:30:00	0	11	975	6589
28-Apr-17 07:00:00	0	12	942	6589
28-Apr-17 07:30:00	0	14	925	6589
28-Apr-17 08:00:00	0	15	916	6589
28-Apr-17 08:30:00	0	16	909	6589
28-Apr-17 09:00:00	0	17	902	6589
28-Apr-17 09:30:00	0	18	897	6589
28-Apr-17 10:00:00	0	19	891	6589
28-Apr-17 10:30:00	0	20	887	6589
28-Apr-17 11:00:00	0	20	882	6589
28-Apr-17 11:30:00	0	21	878	6589
28-Apr-17 12:00:00	0	22	874	6589
28-Apr-17 12:30:00	0	23	870	6589
28-Apr-17 13:00:00	0	24	866	6589
28-Apr-17 13:30:00	19	21	1391	6598
28-Apr-17 14:00:00	13	13	1392	6608
28-Apr-17 14:30:00	11	11	1392	6616
28-Apr-17 15:00:00	0	10	1393	6619
28-Apr-17 15:30:00	0	9	1393	6620
28-Apr-17 16:00:00	0	9	1080	6620
28-Apr-17 16:30:00	0	10	1000	6620
28-Apr-17 17:00:00	0	11	960	6620
28-Apr-17 17:30:00	0	13	935	6620
28-Apr-17 18:00:00	0	14	922	6620
28-Apr-17 18:30:00	0	15	915	6620
28-Apr-17 19:00:00	0	16	908	6620
28-Apr-17 19:30:00	47	19	1312	6620
28-Apr-17 20:00:00	13	13	1392	6632
28-Apr-17 20:30:00	10	10	1392	6639
28-Apr-17 21:00:00	1	9	1302	6642
28-Apr-17 21:30:00	0	8	1392	6642
28-Apr-17 22:00:00	0	8	1191	6642
28-Apr-17 22:30:00	0	9	1040	6642
28-Apr-17 23:00:00	0	10	990	6642
28-Apr-17 23:30:00	0	11	960	6642
29-Apr-17 00:00:00	0	12	942	6642
29-Apr-17 00:30:00	0	13	933	6642
29-Apr-17 01:00:00	0	15	925	6642
29-Apr-17 01:30:00	0	15	919	6642
29-Apr-17 02:00:00	0	16	913	6642
29-Apr-17 02:30:00	0	17	907	6642
29-Apr-17 03:00:00	0	18	902	6642
29-Apr-17 03:30:00	0	19	897	6642
29-Apr-17 04:00:00	0	20	893	6642
29-Apr-17 04:30:00	0	20	889	6642
29-Apr-17 05:00:00	0	21	885	6642
29-Apr-17 05:30:00	0	22	881	6642
29-Apr-17 06:00:00	0	22	877	6642
29-Apr-17 06:30:00	0	23	874	6642
29-Apr-17 07:00:00	0	23	871	6642
29-Apr-17 07:30:00	0	24	868	6642
29-Apr-17 08:00:00	0	25	865	6642
29-Apr-17 08:30:00	0	25	862	6642
29-Apr-17 09:00:00	15	16	1392	6656
29-Apr-17 09:30:00	11	12	1392	6665

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
29-Apr-17 10:00:00	11	10	1392	6673
29-Apr-17 10:30:00	2	9	1392	6678
29-Apr-17 11:00:00	0	8	1392	6678
29-Apr-17 11:30:00	0	8	1082	6678
29-Apr-17 12:00:00	0	10	1005	6678
29-Apr-17 12:30:00	0	11	965	6678
29-Apr-17 13:00:00	0	12	941	6678
29-Apr-17 13:30:00	0	14	929	6678
29-Apr-17 14:00:00	0	15	921	6678
29-Apr-17 14:30:00	0	16	914	6678
29-Apr-17 15:00:00	0	17	908	6678
29-Apr-17 15:30:00	0	18	902	6678
29-Apr-17 16:00:00	0	19	898	6678
29-Apr-17 16:30:00	0	20	893	6678
29-Apr-17 17:00:00	0	20	888	6678
29-Apr-17 17:30:00	0	21	884	6678
29-Apr-17 18:00:00	0	22	880	6678
29-Apr-17 18:30:00	0	23	877	6678
29-Apr-17 19:00:00	0	23	873	6678
29-Apr-17 19:30:00	27	27	1392	6681
29-Apr-17 20:00:00	14	15	1393	6694
29-Apr-17 20:30:00	11	12	1392	6702
29-Apr-17 21:00:00	9	10	1393	6708

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
01-May-17 00:00:00	0	37	802	6709
01-May-17 00:30:00	0	37	801	6709
01-May-17 01:00:00	0	38	800	6709
01-May-17 01:30:00	0	38	799	6709
01-May-17 02:00:00	0	38	797	6709
01-May-17 02:30:00	0	38	797	6709
01-May-17 03:00:00	0	38	796	6709
01-May-17 03:30:00	0	38	794	6709
01-May-17 04:00:00	0	38	793	6709
01-May-17 04:30:00	0	39	792	6709
01-May-17 05:00:00	0	39	791	6709
01-May-17 05:30:00	0	39	790	6709
01-May-17 06:00:00	0	39	789	6709
01-May-17 06:30:00	0	39	789	6709
01-May-17 07:00:00	0	39	788	6709
01-May-17 07:30:00	0	39	787	6709
01-May-17 08:00:00	0	40	785	6709
01-May-17 08:30:00	0	40	784	6709
01-May-17 09:00:00	24	33	1391	6718
01-May-17 09:30:00	15	17	1391	6732
01-May-17 10:00:00	13	12	1392	6742
01-May-17 10:30:00	12	10	1390	6751
01-May-17 11:00:00	11	9	1392	6759
01-May-17 11:30:00	0	8	1391	6766
01-May-17 12:00:00	0	8	1391	6770
01-May-17 12:30:00	0	8	1392	6771
01-May-17 13:00:00	0	8	1049	6771
01-May-17 13:30:00	0	10	983	6771
01-May-17 14:00:00	0	11	945	6771
01-May-17 14:30:00	0	13	918	6771
01-May-17 15:00:00	0	14	899	6771
01-May-17 15:30:00	0	16	886	6771
01-May-17 16:00:00	0	17	880	6771
01-May-17 16:30:00	0	18	874	6771
01-May-17 17:00:00	0	19	868	6771
01-May-17 17:30:00	0	20	863	6771
01-May-17 18:00:00	0	22	859	6771
01-May-17 18:30:00	0	23	855	6771
01-May-17 19:00:00	0	23	850	6771
01-May-17 19:30:00	0	24	847	6771
01-May-17 20:00:00	26	20	1390	6774
01-May-17 20:30:00	15	16	1392	6787
01-May-17 21:00:00	11	12	1391	6796
01-May-17 21:30:00	11	10	1392	6804
01-May-17 22:00:00	0	9	1392	6807
01-May-17 22:30:00	0	9	1392	6808
01-May-17 23:00:00	0	8	1392	6808
01-May-17 23:30:00	0	8	1392	6808
02-May-17 00:00:00	0	8	1102	6808
02-May-17 00:30:00	0	9	1018	6808
02-May-17 01:00:00	0	11	976	6808

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
01-May-17 00:00:00	0	37	802	6709
01-May-17 00:30:00	0	37	801	6709
01-May-17 01:00:00	0	38	800	6709
01-May-17 01:30:00	0	38	799	6709
01-May-17 02:00:00	0	38	797	6709
01-May-17 02:30:00	0	38	797	6709
01-May-17 03:00:00	0	38	796	6709
01-May-17 03:30:00	0	38	794	6709
01-May-17 04:00:00	0	38	793	6709
01-May-17 04:30:00	0	39	792	6709
01-May-17 05:00:00	0	39	791	6709
01-May-17 05:30:00	0	39	790	6709
01-May-17 06:00:00	0	39	789	6709
01-May-17 06:30:00	0	39	789	6709
01-May-17 07:00:00	0	39	788	6709
01-May-17 07:30:00	0	39	787	6709
01-May-17 08:00:00	0	40	785	6709
01-May-17 08:30:00	0	40	784	6709
01-May-17 09:00:00	24	33	1391	6718
01-May-17 09:30:00	15	17	1391	6732
01-May-17 10:00:00	13	12	1392	6742
01-May-17 10:30:00	12	10	1390	6751
01-May-17 11:00:00	11	9	1392	6759
01-May-17 11:30:00	0	8	1391	6766
01-May-17 12:00:00	0	8	1391	6770
01-May-17 12:30:00	0	8	1392	6771
01-May-17 13:00:00	0	8	1049	6771
01-May-17 13:30:00	0	10	983	6771
01-May-17 14:00:00	0	11	945	6771
01-May-17 14:30:00	0	13	918	6771
01-May-17 15:00:00	0	14	899	6771
01-May-17 15:30:00	0	16	886	6771
01-May-17 16:00:00	0	17	880	6771
01-May-17 16:30:00	0	18	874	6771
01-May-17 17:00:00	0	19	868	6771
01-May-17 17:30:00	0	20	863	6771
01-May-17 18:00:00	0	22	859	6771
01-May-17 18:30:00	0	23	855	6771
01-May-17 19:00:00	0	23	850	6771
01-May-17 19:30:00	0	24	847	6771
01-May-17 20:00:00	26	29	1390	6774
01-May-17 20:30:00	15	16	1392	6787
01-May-17 21:00:00	11	12	1391	6796
01-May-17 21:30:00	11	10	1392	6804
01-May-17 22:00:00	0	9	1392	6807
01-May-17 22:30:00	0	9	1392	6808
01-May-17 23:00:00	0	8	1392	6808
01-May-17 23:30:00	0	8	1392	6808
02-May-17 00:00:00	0	8	1102	6808
02-May-17 00:30:00	0	9	1018	6808
02-May-17 01:00:00	0	11	976	6808

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
02-May-17 01:30:00	0	12	947	6808
02-May-17 02:00:00	0	13	926	6808
02-May-17 02:30:00	0	14	912	6808
02-May-17 03:00:00	0	15	905	6808
02-May-17 03:30:00	0	16	898	6808
02-May-17 04:00:00	0	17	892	6808
02-May-17 04:30:00	0	18	887	6808
02-May-17 05:00:00	0	19	882	6808
02-May-17 05:30:00	0	20	877	6808
02-May-17 06:00:00	0	21	873	6808
02-May-17 06:30:00	0	21	869	6808
02-May-17 07:00:00	0	22	865	6808
02-May-17 07:30:00	0	23	861	6808
02-May-17 08:00:00	51	24	1185	6809
02-May-17 08:30:00	15	16	1392	6822
02-May-17 09:00:00	12	12	1392	6832
02-May-17 09:30:00	11	10	1391	6840
02-May-17 10:00:00	9	9	1392	6844
02-May-17 10:30:00	0	8	1391	6844
02-May-17 11:00:00	0	8	1108	6844
02-May-17 11:30:00	0	9	1013	6844
02-May-17 12:00:00	0	11	970	6844
02-May-17 12:30:00	0	12	943	6844
02-May-17 13:00:00	0	13	926	6844
02-May-17 13:30:00	0	15	917	6844
02-May-17 14:00:00	0	16	910	6844
02-May-17 14:30:00	0	17	903	6844
02-May-17 15:00:00	0	18	897	6844
02-May-17 15:30:00	0	19	892	6844
02-May-17 16:00:00	0	20	886	6844
02-May-17 16:30:00	0	21	882	6844
02-May-17 17:00:00	0	22	877	6844
02-May-17 17:30:00	0	23	873	6844
02-May-17 18:00:00	0	23	870	6844
02-May-17 18:30:00	0	24	866	6844
02-May-17 19:00:00	0	25	863	6844
02-May-17 19:30:00	0	26	859	6844
02-May-17 20:00:00	17	20	1392	6855
02-May-17 20:30:00	13	14	1392	6865
02-May-17 21:00:00	11	11	1392	6873
02-May-17 21:30:00	10	10	1392	6879
02-May-17 22:00:00	0	9	1392	6881
02-May-17 22:30:00	0	9	1392	6881
02-May-17 23:00:00	0	8	1392	6881
02-May-17 23:30:00	0	8	1152	6880
03-May-17 00:00:00	0	9	1036	6880
03-May-17 00:30:00	0	11	990	6880
03-May-17 01:00:00	0	12	960	6880
03-May-17 01:30:00	0	13	940	6880
03-May-17 02:00:00	0	14	931	6880
03-May-17 02:30:00	0	15	923	6880

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
02-May-17 01:30:00	0	12	947	6808
02-May-17 02:00:00	0	13	926	6808
02-May-17 02:30:00	0	14	912	6808
02-May-17 03:00:00	0	15	905	6808
02-May-17 03:30:00	0	16	898	6808
02-May-17 04:00:00	0	17	892	6808
02-May-17 04:30:00	0	18	887	6808
02-May-17 05:00:00	0	19	882	6808
02-May-17 05:30:00	0	20	877	6808
02-May-17 06:00:00	0	21	873	6808
02-May-17 06:30:00	0	21	869	6808
02-May-17 07:00:00	0	22	865	6808
02-May-17 07:30:00	0	23	861	6808
02-May-17 08:00:00	51	24	1185	6809
02-May-17 08:30:00	15	16	1392	6822
02-May-17 09:00:00	12	12	1392	6832
02-May-17 09:30:00	11	10	1391	6840
02-May-17 10:00:00	9	9	1392	6844
02-May-17 10:30:00	0	8	1391	6844
02-May-17 11:00:00	0	8	1108	6844
02-May-17 11:30:00	0	9	1013	6844
02-May-17 12:00:00	0	11	970	6844
02-May-17 12:30:00	0	12	943	6844
02-May-17 13:00:00	0	13	926	6844
02-May-17 13:30:00	0	15	917	6844
02-May-17 14:00:00	0	16	910	6844
02-May-17 14:30:00	0	17	903	6844
02-May-17 15:00:00	0	18	897	6844
02-May-17 15:30:00	0	19	892	6844
02-May-17 16:00:00	0	20	886	6844
02-May-17 16:30:00	0	21	882	6844
02-May-17 17:00:00	0	22	877	6844
02-May-17 17:30:00	0	23	873	6844
02-May-17 18:00:00	0	23	870	6844
02-May-17 18:30:00	0	24	866	6844
02-May-17 19:00:00	0	25	863	6844
02-May-17 19:30:00	0	26	859	6844
02-May-17 20:00:00	17	20	1392	6855
02-May-17 20:30:00	13	14	1392	6865
02-May-17 21:00:00	11	11	1392	6873
02-May-17 21:30:00	10	10	1392	6879
02-May-17 22:00:00	0	9	1392	6881
02-May-17 22:30:00	0	9	1392	6881
02-May-17 23:00:00	0	8	1392	6881
02-May-17 23:30:00	0	8	1152	6880
03-May-17 00:00:00	0	9	1036	6880
03-May-17 00:30:00	0	11	990	6880
03-May-17 01:00:00	0	12	960	6880
03-May-17 01:30:00	0	13	940	6880
03-May-17 02:00:00	0	14	931	6880
03-May-17 02:30:00	0	15	923	6880

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
03-May-17 03:00:00	0	16	916	6880
03-May-17 03:30:00	0	17	909	6880
03-May-17 04:00:00	0	18	904	6880
03-May-17 04:30:00	0	19	898	6880
03-May-17 05:00:00	0	20	894	6880
03-May-17 05:30:00	0	21	889	6880
03-May-17 06:00:00	0	21	885	6880
03-May-17 06:30:00	0	22	881	6880
03-May-17 07:00:00	0	23	877	6880
03-May-17 07:30:00	0	23	874	6880
03-May-17 08:00:00	0	24	870	6880
03-May-17 08:30:00	0	25	867	6880
03-May-17 09:00:00	0	25	863	6880
03-May-17 09:30:00	0	26	860	6880
03-May-17 10:00:00	0	27	857	6880
03-May-17 10:30:00	0	27	854	6880
03-May-17 11:00:00	0	28	851	6880
03-May-17 11:30:00	0	28	849	6880
03-May-17 12:00:00	0	29	846	6880
03-May-17 12:30:00	15	19	1391	6895
03-May-17 13:00:00	13	14	1391	6905
03-May-17 13:30:00	12	11	1392	6914
03-May-17 14:00:00	8	10	1391	6919
03-May-17 14:30:00	0	9	1391	6922
03-May-17 15:00:00	0	9	1090	6922
03-May-17 15:30:00	0	11	1005	6922
03-May-17 16:00:00	0	12	964	6922
03-May-17 16:30:00	0	14	938	6922
03-May-17 17:00:00	0	15	926	6922
03-May-17 17:30:00	0	16	918	6922
03-May-17 18:00:00	0	17	910	6922
03-May-17 18:30:00	0	18	903	6922
03-May-17 19:00:00	0	19	898	6922
03-May-17 19:30:00	0	20	892	6922
03-May-17 20:00:00	0	21	887	6922
03-May-17 20:30:00	0	22	883	6922
03-May-17 21:00:00	0	23	879	6922
03-May-17 21:30:00	0	24	875	6922
03-May-17 22:00:00	0	24	871	6922
03-May-17 22:30:00	0	25	868	6922
03-May-17 23:00:00	0	26	864	6922
03-May-17 23:30:00	0	26	861	6922
04-May-17 00:00:00	0	27	858	6922
04-May-17 00:30:00	0	28	855	6922
04-May-17 01:00:00	0	28	852	6922
04-May-17 01:30:00	0	28	849	6922
04-May-17 02:00:00	0	29	847	6922
04-May-17 02:30:00	0	29	845	6922
04-May-17 03:00:00	0	30	842	6922
04-May-17 03:30:00	18	23	1391	6933
04-May-17 04:00:00	13	15	1392	6943

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
03-May-17 03:00:00	0	16	916	6880
03-May-17 03:30:00	0	17	909	6880
03-May-17 04:00:00	0	18	904	6880
03-May-17 04:30:00	0	19	898	6880
03-May-17 05:00:00	0	20	894	6880
03-May-17 05:30:00	0	21	889	6880
03-May-17 06:00:00	0	21	885	6880
03-May-17 06:30:00	0	22	881	6880
03-May-17 07:00:00	0	23	877	6880
03-May-17 07:30:00	0	23	874	6880
03-May-17 08:00:00	0	24	870	6880
03-May-17 08:30:00	0	25	867	6880
03-May-17 09:00:00	0	25	863	6880
03-May-17 09:30:00	0	26	860	6880
03-May-17 10:00:00	0	27	857	6880
03-May-17 10:30:00	0	27	854	6880
03-May-17 11:00:00	0	28	851	6880
03-May-17 11:30:00	0	28	849	6880
03-May-17 12:00:00	0	29	846	6880
03-May-17 12:30:00	15	19	1391	6895
03-May-17 13:00:00	13	14	1391	6905
03-May-17 13:30:00	12	11	1392	6914
03-May-17 14:00:00	8	10	1391	6919
03-May-17 14:30:00	0	9	1391	6922
03-May-17 15:00:00	0	9	1090	6922
03-May-17 15:30:00	0	11	1005	6922
03-May-17 16:00:00	0	12	964	6922
03-May-17 16:30:00	0	14	938	6922
03-May-17 17:00:00	0	15	926	6922
03-May-17 17:30:00	0	16	918	6922
03-May-17 18:00:00	0	17	910	6922
03-May-17 18:30:00	0	18	903	6922
03-May-17 19:00:00	0	19	898	6922
03-May-17 19:30:00	0	20	892	6922
03-May-17 20:00:00	0	21	887	6922
03-May-17 20:30:00	0	22	883	6922
03-May-17 21:00:00	0	23	879	6922
03-May-17 21:30:00	0	24	875	6922
03-May-17 22:00:00	0	24	871	6922
03-May-17 22:30:00	0	25	868	6922
03-May-17 23:00:00	0	26	864	6922
03-May-17 23:30:00	0	26	861	6922
04-May-17 00:00:00	0	27	858	6922
04-May-17 00:30:00	0	28	855	6922
04-May-17 01:00:00	0	28	852	6922
04-May-17 01:30:00	0	28	849	6922
04-May-17 02:00:00	0	29	847	6922
04-May-17 02:30:00	0	29	845	6922
04-May-17 03:00:00	0	30	842	6922
04-May-17 03:30:00	18	23	1391	6933
04-May-17 04:00:00	13	15	1392	6943

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
04-May-17 04:30:00	12	12	1392	6952
04-May-17 05:00:00	2	11	1392	6959
04-May-17 05:30:00	0	10	1054	6961
04-May-17 06:00:00	0	12	976	6961
04-May-17 06:30:00	0	13	939	6961
04-May-17 07:00:00	0	15	918	6961
04-May-17 07:30:00	0	16	907	6961
04-May-17 08:00:00	0	17	900	6961
04-May-17 08:30:00	0	18	893	6961
04-May-17 09:00:00	0	20	887	6961
04-May-17 09:30:00	0	21	882	6961
04-May-17 10:00:00	0	22	877	6961
04-May-17 10:30:00	0	22	873	6961
04-May-17 11:00:00	0	23	869	6961
04-May-17 11:30:00	0	24	865	6961
04-May-17 12:00:00	0	25	861	6961
04-May-17 12:30:00	0	26	858	6961
04-May-17 13:00:00	25	29	1391	6965
04-May-17 13:30:00	14	17	1391	6978
04-May-17 14:00:00	12	13	1393	6986
04-May-17 14:30:00	9	11	1392	6992
04-May-17 15:00:00	0	12	1018	6992
04-May-17 15:30:00	0	13	958	6992
04-May-17 16:00:00	0	15	926	6992
04-May-17 16:30:00	0	16	913	6992
04-May-17 17:00:00	0	18	905	6992
04-May-17 17:30:00	0	19	897	6992
04-May-17 18:00:00	0	20	891	6992
04-May-17 18:30:00	0	21	886	6992
04-May-17 19:00:00	0	22	881	6992
04-May-17 19:30:00	0	23	876	6992
04-May-17 20:00:00	0	24	871	6992
04-May-17 20:30:00	0	25	868	6992
04-May-17 21:00:00	0	26	864	6992
04-May-17 21:30:00	0	26	861	6992
04-May-17 22:00:00	0	27	858	6992
04-May-17 22:30:00	0	28	854	6992
04-May-17 23:00:00	0	28	852	6992
04-May-17 23:30:00	0	29	849	6992
05-May-17 00:00:00	0	29	846	6992
05-May-17 00:30:00	0	30	843	6992
05-May-17 01:00:00	0	30	841	6992
05-May-17 01:30:00	0	30	839	6992
05-May-17 02:00:00	0	31	836	6992
05-May-17 02:30:00	0	31	834	6992
05-May-17 03:00:00	0	32	832	6992
05-May-17 03:30:00	0	32	830	6992
05-May-17 04:00:00	0	32	828	6992
05-May-17 04:30:00	0	33	826	6992
05-May-17 05:00:00	0	33	824	6992
05-May-17 05:30:00	0	33	822	6992

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
04-May-17 04:30:00	12	12	1392	6952
04-May-17 05:00:00	2	11	1392	6959
04-May-17 05:30:00	0	10	1054	6961
04-May-17 06:00:00	0	12	976	6961
04-May-17 06:30:00	0	13	939	6961
04-May-17 07:00:00	0	15	918	6961
04-May-17 07:30:00	0	16	907	6961
04-May-17 08:00:00	0	17	900	6961
04-May-17 08:30:00	0	18	893	6961
04-May-17 09:00:00	0	20	887	6961
04-May-17 09:30:00	0	21	882	6961
04-May-17 10:00:00	0	22	877	6961
04-May-17 10:30:00	0	22	873	6961
04-May-17 11:00:00	0	23	869	6961
04-May-17 11:30:00	0	24	865	6961
04-May-17 12:00:00	0	25	861	6961
04-May-17 12:30:00	0	26	858	6961
04-May-17 13:00:00	25	29	1391	6965
04-May-17 13:30:00	14	17	1391	6978
04-May-17 14:00:00	12	13	1393	6986
04-May-17 14:30:00	9	11	1392	6992
04-May-17 15:00:00	0	12	1018	6992
04-May-17 15:30:00	0	13	958	6992
04-May-17 16:00:00	0	15	926	6992
04-May-17 16:30:00	0	16	913	6992
04-May-17 17:00:00	0	18	905	6992
04-May-17 17:30:00	0	19	897	6992
04-May-17 18:00:00	0	20	891	6992
04-May-17 18:30:00	0	21	886	6992
04-May-17 19:00:00	0	22	881	6992
04-May-17 19:30:00	0	23	876	6992
04-May-17 20:00:00	0	24	871	6992
04-May-17 20:30:00	0	25	868	6992
04-May-17 21:00:00	0	26	864	6992
04-May-17 21:30:00	0	26	861	6992
04-May-17 22:00:00	0	27	858	6992
04-May-17 22:30:00	0	28	854	6992
04-May-17 23:00:00	0	28	852	6992
04-May-17 23:30:00	0	29	849	6992
05-May-17 00:00:00	0	29	846	6992
05-May-17 00:30:00	0	30	843	6992
05-May-17 01:00:00	0	30	841	6992
05-May-17 01:30:00	0	30	839	6992
05-May-17 02:00:00	0	31	836	6992
05-May-17 02:30:00	0	31	834	6992
05-May-17 03:00:00	0	32	832	6992
05-May-17 03:30:00	0	32	830	6992
05-May-17 04:00:00	0	32	828	6992
05-May-17 04:30:00	0	33	826	6992
05-May-17 05:00:00	0	33	824	6992
05-May-17 05:30:00	0	33	822	6992

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
05-May-17 06:00:00	0	34	821	6992
05-May-17 06:30:00	0	34	819	6992
05-May-17 07:00:00	0	34	818	6992
05-May-17 07:30:00	25	35	1392	6999
05-May-17 08:00:00	15	18	1392	7012
05-May-17 08:30:00	12	14	1392	7021
05-May-17 09:00:00	11	12	1391	7030
05-May-17 09:30:00	0	11	1392	7035
05-May-17 10:00:00	0	11	1034	7035
05-May-17 10:30:00	0	12	965	7035
05-May-17 11:00:00	0	14	929	7035
05-May-17 11:30:00	0	16	905	7035
05-May-17 12:00:00	0	17	895	7035
05-May-17 12:30:00	0	19	888	7035
05-May-17 13:00:00	0	20	881	7035
05-May-17 13:30:00	0	21	875	7035
05-May-17 14:00:00	0	22	870	7035
05-May-17 14:30:00	0	23	865	7035
05-May-17 15:00:00	0	24	861	7035
05-May-17 15:30:00	0	25	857	7035
05-May-17 16:00:00	0	26	854	7035
05-May-17 16:30:00	0	27	850	7035
05-May-17 17:00:00	0	28	848	7035
05-May-17 17:30:00	0	29	844	7035
05-May-17 18:00:00	0	30	841	7035
05-May-17 18:30:00	0	30	838	7035
05-May-17 19:00:00	0	31	836	7035
05-May-17 19:30:00	0	31	833	7035
05-May-17 20:00:00	0	32	831	7035
05-May-17 20:30:00	0	32	828	7035
05-May-17 21:00:00	0	33	826	7035
05-May-17 21:30:00	0	33	824	7035
05-May-17 22:00:00	0	34	822	7035
05-May-17 22:30:00	0	34	820	7035
05-May-17 23:00:00	0	34	819	7035
05-May-17 23:30:00	0	35	817	7035
06-May-17 00:00:00	0	35	815	7035
06-May-17 00:30:00	0	35	813	7035
06-May-17 01:00:00	0	36	812	7035
06-May-17 01:30:00	0	36	810	7035
06-May-17 02:00:00	0	36	808	7035
06-May-17 02:30:00	0	36	807	7035
06-May-17 03:00:00	0	37	806	7035
06-May-17 03:30:00	0	37	804	7035
06-May-17 04:00:00	0	37	802	7035
06-May-17 04:30:00	0	37	801	7035
06-May-17 05:00:00	0	38	800	7035
06-May-17 05:30:00	0	38	798	7035
06-May-17 06:00:00	0	38	797	7035
06-May-17 06:30:00	0	38	796	7035
06-May-17 07:00:00	0	39	795	7035

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
05-May-17 06:00:00	0	34	821	6992
05-May-17 06:30:00	0	34	819	6992
05-May-17 07:00:00	0	34	818	6992
05-May-17 07:30:00	25	35	1392	6999
05-May-17 08:00:00	15	18	1392	7012
05-May-17 08:30:00	12	14	1392	7021
05-May-17 09:00:00	11	12	1391	7030
05-May-17 09:30:00	0	11	1392	7035
05-May-17 10:00:00	0	11	1034	7035
05-May-17 10:30:00	0	12	965	7035
05-May-17 11:00:00	0	14	929	7035
05-May-17 11:30:00	0	16	905	7035
05-May-17 12:00:00	0	17	895	7035
05-May-17 12:30:00	0	19	888	7035
05-May-17 13:00:00	0	20	881	7035
05-May-17 13:30:00	0	21	875	7035
05-May-17 14:00:00	0	22	870	7035
05-May-17 14:30:00	0	23	865	7035
05-May-17 15:00:00	0	24	861	7035
05-May-17 15:30:00	0	25	857	7035
05-May-17 16:00:00	0	26	854	7035
05-May-17 16:30:00	0	27	850	7035
05-May-17 17:00:00	0	28	848	7035
05-May-17 17:30:00	0	29	844	7035
05-May-17 18:00:00	0	30	841	7035
05-May-17 18:30:00	0	30	838	7035
05-May-17 19:00:00	0	31	836	7035
05-May-17 19:30:00	0	31	833	7035
05-May-17 20:00:00	0	32	831	7035
05-May-17 20:30:00	0	32	828	7035
05-May-17 21:00:00	0	33	826	7035
05-May-17 21:30:00	0	33	824	7035
05-May-17 22:00:00	0	34	822	7035
05-May-17 22:30:00	0	34	820	7035
05-May-17 23:00:00	0	34	819	7035
05-May-17 23:30:00	0	35	817	7035
06-May-17 00:00:00	0	35	815	7035
06-May-17 00:30:00	0	35	813	7035
06-May-17 01:00:00	0	36	812	7035
06-May-17 01:30:00	0	36	810	7035
06-May-17 02:00:00	0	36	808	7035
06-May-17 02:30:00	0	36	807	7035
06-May-17 03:00:00	0	37	806	7035
06-May-17 03:30:00	0	37	804	7035
06-May-17 04:00:00	0	37	802	7035
06-May-17 04:30:00	0	37	801	7035
06-May-17 05:00:00	0	38	800	7035
06-May-17 05:30:00	0	38	798	7035
06-May-17 06:00:00	0	38	797	7035
06-May-17 06:30:00	0	38	796	7035
06-May-17 07:00:00	0	39	795	7035

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
06-May-17 07:30:00	0	30	1134	7044
06-May-17 08:00:00	14	19	1391	7057
06-May-17 08:30:00	12	14	1392	7067
06-May-17 09:00:00	11	12	1392	7075
06-May-17 09:30:00	10	11	1392	7081
06-May-17 10:00:00	0	10	1368	7083
06-May-17 10:30:00	0	11	1017	7083
06-May-17 11:00:00	0	13	957	7083
06-May-17 11:30:00	0	14	922	7083
06-May-17 12:00:00	0	16	899	7083
06-May-17 12:30:00	0	18	884	7083
06-May-17 13:00:00	0	19	876	7083
06-May-17 13:30:00	0	20	870	7083
06-May-17 14:00:00	0	22	864	7083
06-May-17 14:30:00	14	18	1392	7094
06-May-17 15:00:00	11	14	1392	7103
06-May-17 15:30:00	0	13	1025	7106
06-May-17 16:00:00	0	14	950	7106
06-May-17 16:30:00	0	16	914	7106
06-May-17 17:00:00	0	18	894	7106
06-May-17 17:30:00	0	19	886	7106
06-May-17 18:00:00	0	20	879	7106
06-May-17 18:30:00	0	21	873	7106
06-May-17 19:00:00	0	23	867	7106
06-May-17 19:30:00	0	24	862	7106
06-May-17 20:00:00	0	24	858	7106
06-May-17 20:30:00	0	25	854	7106
06-May-17 21:00:00	0	26	850	7106
06-May-17 21:30:00	0	27	846	7106
06-May-17 22:00:00	0	28	843	7106
06-May-17 22:30:00	0	28	840	7106
06-May-17 23:00:00	0	29	837	7106
06-May-17 23:30:00	0	30	834	7106
07-May-17 00:00:00	0	30	831	7106
07-May-17 00:30:00	0	31	829	7106
07-May-17 01:00:00	0	32	826	7106
07-May-17 01:30:00	0	32	824	7106
07-May-17 02:00:00	0	32	822	7106
07-May-17 02:30:00	0	33	820	7106
07-May-17 03:00:00	0	33	817	7106
07-May-17 03:30:00	0	34	815	7106
07-May-17 04:00:00	0	34	813	7106
07-May-17 04:30:00	0	35	812	7106
07-May-17 05:00:00	0	35	810	7106
07-May-17 05:30:00	0	35	808	7106
07-May-17 06:00:00	0	36	806	7106
07-May-17 06:30:00	0	36	805	7106
07-May-17 07:00:00	0	36	803	7106
07-May-17 07:30:00	0	37	802	7106
07-May-17 08:00:00	0	37	800	7106
07-May-17 08:30:00	0	37	798	7106

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
06-May-17 07:30:00	0	30	1134	7044
06-May-17 08:00:00	14	19	1391	7057
06-May-17 08:30:00	12	14	1392	7067
06-May-17 09:00:00	11	12	1392	7075
06-May-17 09:30:00	10	11	1392	7081
06-May-17 10:00:00	0	10	1368	7083
06-May-17 10:30:00	0	11	1017	7083
06-May-17 11:00:00	0	13	957	7083
06-May-17 11:30:00	0	14	922	7083
06-May-17 12:00:00	0	16	899	7083
06-May-17 12:30:00	0	18	884	7083
06-May-17 13:00:00	0	19	876	7083
06-May-17 13:30:00	0	20	870	7083
06-May-17 14:00:00	0	22	864	7083
06-May-17 14:30:00	14	18	1392	7094
06-May-17 15:00:00	11	14	1392	7103
06-May-17 15:30:00	0	13	1025	7106
06-May-17 16:00:00	0	14	950	7106
06-May-17 16:30:00	0	16	914	7106
06-May-17 17:00:00	0	18	894	7106
06-May-17 17:30:00	0	19	886	7106
06-May-17 18:00:00	0	20	879	7106
06-May-17 18:30:00	0	21	873	7106
06-May-17 19:00:00	0	23	867	7106
06-May-17 19:30:00	0	24	862	7106
06-May-17 20:00:00	0	24	858	7106
06-May-17 20:30:00	0	25	854	7106
06-May-17 21:00:00	0	26	850	7106
06-May-17 21:30:00	0	27	846	7106
06-May-17 22:00:00	0	28	843	7106
06-May-17 22:30:00	0	28	840	7106
06-May-17 23:00:00	0	29	837	7106
06-May-17 23:30:00	0	30	834	7106
07-May-17 00:00:00	0	30	831	7106
07-May-17 00:30:00	0	31	829	7106
07-May-17 01:00:00	0	32	826	7106
07-May-17 01:30:00	0	32	824	7106
07-May-17 02:00:00	0	32	822	7106
07-May-17 02:30:00	0	33	820	7106
07-May-17 03:00:00	0	33	817	7106
07-May-17 03:30:00	0	34	815	7106
07-May-17 04:00:00	0	34	813	7106
07-May-17 04:30:00	0	35	812	7106
07-May-17 05:00:00	0	35	810	7106
07-May-17 05:30:00	0	35	808	7106
07-May-17 06:00:00	0	36	806	7106
07-May-17 06:30:00	0	36	805	7106
07-May-17 07:00:00	0	36	803	7106
07-May-17 07:30:00	0	37	802	7106
07-May-17 08:00:00	0	37	800	7106
07-May-17 08:30:00	0	37	798	7106

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
07-May-17 09:00:00	0	38	797	7106
07-May-17 09:30:00	0	38	796	7106
07-May-17 10:00:00	0	38	794	7106
07-May-17 10:30:00	0	39	793	7106
07-May-17 11:00:00	0	39	791	7106
07-May-17 11:30:00	0	40	790	7106
07-May-17 12:00:00	0	40	789	7106
07-May-17 12:30:00	0	40	788	7106
07-May-17 13:00:00	0	41	786	7106
07-May-17 13:30:00	0	41	785	7106
07-May-17 14:00:00	0	41	784	7106
07-May-17 14:30:00	0	41	783	7106
07-May-17 15:00:00	0	42	782	7106
07-May-17 15:30:00	27	44	1390	7112
07-May-17 16:00:00	16	21	1392	7126
07-May-17 16:30:00	13	16	1393	7136
07-May-17 17:00:00	11	13	1392	7145
07-May-17 17:30:00	11	12	1392	7152
07-May-17 18:00:00	2	11	1393	7156
07-May-17 18:30:00	0	11	1392	7157
07-May-17 19:00:00	0	10	1181	7158
07-May-17 19:30:00	0	11	1020	7158
07-May-17 20:00:00	0	13	964	7158
07-May-17 20:30:00	0	15	929	7158
07-May-17 21:00:00	0	16	905	7158
07-May-17 21:30:00	0	18	886	7158
07-May-17 22:00:00	0	19	876	7158
07-May-17 22:30:00	0	20	869	7158
07-May-17 23:00:00	0	21	863	7158
07-May-17 23:30:00	0	23	858	7158
08-May-17 00:00:00	0	24	853	7158
08-May-17 00:30:00	0	25	849	7158
08-May-17 01:00:00	0	26	845	7158
08-May-17 01:30:00	0	26	841	7158
08-May-17 02:00:00	0	27	838	7158
08-May-17 02:30:00	0	28	834	7158
08-May-17 03:00:00	0	29	831	7158
08-May-17 03:30:00	0	29	828	7158
08-May-17 04:00:00	0	30	826	7158
08-May-17 04:30:00	0	31	823	7158
08-May-17 05:00:00	0	31	820	7158
08-May-17 05:30:00	0	32	818	7158
08-May-17 06:00:00	0	32	816	7158
08-May-17 06:30:00	0	33	814	7158
08-May-17 07:00:00	0	33	812	7158
08-May-17 07:30:00	0	34	809	7158
08-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 10:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
07-May-17 09:00:00	0	38	797	7106
07-May-17 09:30:00	0	38	796	7106
07-May-17 10:00:00	0	38	794	7106
07-May-17 10:30:00	0	39	793	7106
07-May-17 11:00:00	0	39	791	7106
07-May-17 11:30:00	0	40	790	7106
07-May-17 12:00:00	0	40	789	7106
07-May-17 12:30:00	0	40	788	7106
07-May-17 13:00:00	0	41	786	7106
07-May-17 13:30:00	0	41	785	7106
07-May-17 14:00:00	0	41	784	7106
07-May-17 14:30:00	0	41	783	7106
07-May-17 15:00:00	0	42	782	7106
07-May-17 15:30:00	27	44	1390	7112
07-May-17 16:00:00	16	21	1392	7126
07-May-17 16:30:00	13	16	1393	7136
07-May-17 17:00:00	11	13	1392	7145
07-May-17 17:30:00	11	12	1392	7152
07-May-17 18:00:00	2	11	1393	7156
07-May-17 18:30:00	0	11	1392	7157
07-May-17 19:00:00	0	10	1181	7158
07-May-17 19:30:00	0	11	1020	7158
07-May-17 20:00:00	0	13	964	7158
07-May-17 20:30:00	0	15	929	7158
07-May-17 21:00:00	0	16	905	7158
07-May-17 21:30:00	0	18	886	7158
07-May-17 22:00:00	0	19	876	7158
07-May-17 22:30:00	0	20	869	7158
07-May-17 23:00:00	0	21	863	7158
07-May-17 23:30:00	0	23	858	7158
08-May-17 00:00:00	0	24	853	7158
08-May-17 00:30:00	0	25	849	7158
08-May-17 01:00:00	0	26	845	7158
08-May-17 01:30:00	0	26	841	7158
08-May-17 02:00:00	0	27	838	7158
08-May-17 02:30:00	0	28	834	7158
08-May-17 03:00:00	0	29	831	7158
08-May-17 03:30:00	0	29	828	7158
08-May-17 04:00:00	0	30	826	7158
08-May-17 04:30:00	0	31	823	7158
08-May-17 05:00:00	0	31	820	7158
08-May-17 05:30:00	0	32	818	7158
08-May-17 06:00:00	0	32	816	7158
08-May-17 06:30:00	0	33	814	7158
08-May-17 07:00:00	0	33	812	7158
08-May-17 07:30:00	0	34	809	7158
08-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 10:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
08-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 11:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
08-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
08-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
08-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 11:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
09-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 13:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
09-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
09-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
09-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 13:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
10-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 14:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
10-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
10-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
10-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 14:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Pressure (psi)	Totalizer (bbls)
11-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 16:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
11-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
11-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
11-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 16:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
12-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 17:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
12-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
12-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
12-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 17:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
13-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 19:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
13-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
13-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
13-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
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14-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
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14-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
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14-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 19:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
14-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 20:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
14-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
14-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
14-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 20:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
15-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 22:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
15-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
15-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
15-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 22:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
16-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 23:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
16-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
16-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
16-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
17-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
17-May-17 23:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
18-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 01:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
18-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
18-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
18-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 01:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
19-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 02:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
19-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
19-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
19-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 02:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
20-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
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20-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 04:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
20-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
20-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
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20-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
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20-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
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20-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
20-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 04:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
21-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
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21-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 05:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
21-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
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21-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
21-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
21-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 05:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
22-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 07:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
22-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
22-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
22-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 07:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
23-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 08:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
23-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
23-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
23-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 08:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
24-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
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24-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
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24-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 10:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Pressure (psi)	Totalizer (bbls)
24-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
24-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
24-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 10:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
25-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 11:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
25-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
25-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
25-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 11:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
26-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 13:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
26-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
26-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
26-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 13:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
27-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
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27-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
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27-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
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28-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 14:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
27-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
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27-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
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27-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
27-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
27-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
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27-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
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28-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 14:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
28-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 16:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
28-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
28-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
28-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 16:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
29-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 17:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
29-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
29-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
29-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 17:30:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
30-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
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30-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
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31-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
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31-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 19:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
30-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 19:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
30-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
30-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 00:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 00:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 01:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 01:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 02:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 02:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 03:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 03:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 04:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 04:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 05:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 05:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 06:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 06:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 07:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 07:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 08:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 08:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 09:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 09:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 10:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 10:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 11:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 11:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 12:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 12:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 13:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 13:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 14:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 14:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 15:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 15:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 16:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 16:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 17:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 17:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 18:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 18:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 19:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
31-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
01-Jun-17 00:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - May 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
31-May-17 19:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 20:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 20:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 21:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 21:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 22:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 22:30:00	0	Well Off-Line for Maintenance		7158
31-May-17 23:00:00	0	Well Off-Line for Maintenance		7158
31-May-17 23:30:00	0	Well Off-Line for Maintenance		7158
01-Jun-17 00:00:00	0	Well Off-Line for Maintenance		7158

Injection Well Monthly Reportable Information - June 2017

[illegible]

[illegible]

Injection Well Monthly Reportable Information - June 2017

[illegible]

Injection Well Monthly Reportable Information - June 2017

[illegible]

Injection Well Monthly Reportable Information - June 2017

[illegible]

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
07-Jun-17 01:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 01:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 02:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 02:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 03:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 03:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 04:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 04:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 05:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 05:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 06:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 06:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 07:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 07:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 08:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 08:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 09:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 09:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 10:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 10:30:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 11:00:00	0	Well Off-Line for Frac	Well Off-Line for Frac	7158
07-Jun-17 11:30:00	0	103	563	7158
07-Jun-17 12:00:00	0	103	562	7158
07-Jun-17 12:30:00	0	103	562	7158
07-Jun-17 13:00:00	0	103	563	7158
07-Jun-17 13:30:00	0	103	562	7158
07-Jun-17 14:00:00	0	103	562	7158
07-Jun-17 14:30:00	0	103	562	7158
07-Jun-17 15:00:00	0	104	562	7158
07-Jun-17 15:30:00	0	104	562	7158
07-Jun-17 16:00:00	0	104	562	7158
07-Jun-17 16:30:00	0	104	561	7158
07-Jun-17 17:00:00	0	104	561	7158
07-Jun-17 17:30:00	0	104	561	7158
07-Jun-17 18:00:00	0	104	561	7158
07-Jun-17 18:30:00	0	104	561	7158
07-Jun-17 19:00:00	0	104	561	7158
07-Jun-17 19:30:00	0	104	561	7158
07-Jun-17 20:00:00	0	104	560	7158
07-Jun-17 20:30:00	0	104	560	7158
07-Jun-17 21:00:00	0	104	560	7158
07-Jun-17 21:30:00	0	104	560	7158
07-Jun-17 22:00:00	0	104	560	7158
07-Jun-17 22:30:00	0	104	560	7158
07-Jun-17 23:00:00	0	104	560	7158
07-Jun-17 23:30:00	0	104	560	7158
08-Jun-17 00:00:00	0	104	560	7158
08-Jun-17 00:30:00	0	104	559	7158
08-Jun-17 01:00:00	0	104	559	7158
08-Jun-17 01:30:00	0	104	559	7158
08-Jun-17 02:00:00	0	105	559	7158
08-Jun-17 02:30:00	0	105	559	7158
08-Jun-17 03:00:00	0	105	558	7158
08-Jun-17 03:30:00	0	105	558	7158
08-Jun-17 04:00:00	0	105	558	7158
08-Jun-17 04:30:00	0	105	558	7158
08-Jun-17 05:00:00	0	105	558	7158
08-Jun-17 05:30:00	0	105	558	7158

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Press At Casing (psl)	Totalizer (bbls)
08-Jun-17 06:00:00	0	105	558	7158
08-Jun-17 06:30:00	0	105	558	7158
08-Jun-17 07:00:00	0	105	558	7158
08-Jun-17 07:30:00	0	105	557	7158
08-Jun-17 08:00:00	0	105	557	7158
08-Jun-17 08:30:00	0	105	557	7158
08-Jun-17 09:00:00	0	105	557	7158
08-Jun-17 09:30:00	0	105	557	7158
08-Jun-17 10:00:00	0	105	557	7158
08-Jun-17 10:30:00	0	105	556	7158
08-Jun-17 11:00:00	0	106	556	7158
08-Jun-17 11:30:00	0	106	556	7158
08-Jun-17 12:00:00	0	106	555	7158
08-Jun-17 12:30:00	0	106	556	7158
08-Jun-17 13:00:00	0	106	555	7158
08-Jun-17 13:30:00	0	106	555	7158
08-Jun-17 14:00:00	0	1	555	7158
08-Jun-17 14:30:00	0	Bad	594	7172
08-Jun-17 15:00:00	34	Bad	640	7198
08-Jun-17 15:30:00	25	Bad	640	7218
08-Jun-17 16:00:00	43	-3	688	7249
08-Jun-17 16:30:00	36	-4	690	7276
08-Jun-17 17:00:00	32	-5	691	7299
08-Jun-17 17:30:00	29	-5	692	7320
08-Jun-17 18:00:00	26	-5	693	7340
08-Jun-17 18:30:00	24	-5	692	7358
08-Jun-17 19:00:00	23	-4	692	7375
08-Jun-17 19:30:00	22	-5	692	7391
08-Jun-17 20:00:00	21	Bad	692	7406
08-Jun-17 20:30:00	20	Bad	691	7421
08-Jun-17 21:00:00	20	Bad	693	7435
08-Jun-17 21:30:00	20	Bad	694	7449
08-Jun-17 22:00:00	18	-5	691	7463
08-Jun-17 22:30:00	17	-5	693	7476
08-Jun-17 23:00:00	17	-5	692	7488
08-Jun-17 23:30:00	17	Bad	693	7500
09-Jun-17 00:00:00	17	Bad	695	7512
09-Jun-17 00:30:00	0	-5	659	7512
09-Jun-17 01:00:00	0	4	650	7512
09-Jun-17 01:30:00	0	-4	644	7512
09-Jun-17 02:00:00	0	-3	640	7512
09-Jun-17 02:30:00	0	-2	635	7512
09-Jun-17 03:00:00	0	-2	632	7512
09-Jun-17 03:30:00	0	-1	629	7512
09-Jun-17 04:00:00	0	0	627	7512
09-Jun-17 04:30:00	0	0	625	7512
09-Jun-17 05:00:00	0	1	623	7512
09-Jun-17 05:30:00	0	2	621	7512
09-Jun-17 06:00:00	0	2	619	7512
09-Jun-17 06:30:00	0	3	617	7512
09-Jun-17 07:00:00	0	4	616	7512
09-Jun-17 07:30:00	0	4	614	7512
09-Jun-17 08:00:00	0	5	613	7512
09-Jun-17 08:30:00	44	-3	708	7550
09-Jun-17 09:00:00	35	-5	715	7578
09-Jun-17 09:30:00	31	Bad	716	7602
09-Jun-17 10:00:00	42	Bad	736	7627
09-Jun-17 10:30:00	34	Bad	739	7653

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
09-Jun-17 11:00:00	46	Bad	758	7678
09-Jun-17 11:30:00	38	Bad	764	7708
09-Jun-17 12:00:00	35	Bad	767	7733
09-Jun-17 12:30:00	42	Bad	773	7757
09-Jun-17 13:00:00	40	-1	790	7789
09-Jun-17 13:30:00	40	-1	798	7819
09-Jun-17 14:00:00	37	-1	797	7847
09-Jun-17 14:30:00	46	-2	818	7876
09-Jun-17 15:00:00	40	-2	819	7906
09-Jun-17 15:30:00	49	-2	837	7937
09-Jun-17 16:00:00	46	-2	841	7970
09-Jun-17 16:30:00	42	-2	844	8001
09-Jun-17 17:00:00	40	-2	844	8030
09-Jun-17 17:30:00	38	-2	846	8057
09-Jun-17 18:00:00	37	-2	846	8083
09-Jun-17 18:30:00	36	-2	845	8109
09-Jun-17 19:00:00	34	-2	844	8134
09-Jun-17 19:30:00	33	-2	846	8158
09-Jun-17 20:00:00	33	-2	843	8182
09-Jun-17 20:30:00	32	-2	847	8205
09-Jun-17 21:00:00	31	-2	845	8227
09-Jun-17 21:30:00	31	-2	844	8249
09-Jun-17 22:00:00	31	-2	847	8271
09-Jun-17 22:30:00	30	-2	846	8292
09-Jun-17 23:00:00	29	-2	847	8313
09-Jun-17 23:30:00	29	-2	846	8334
10-Jun-17 00:00:00	28	-2	847	8354
10-Jun-17 00:30:00	27	-2	845	8374
10-Jun-17 01:00:00	28	-2	845	8394
10-Jun-17 01:30:00	26	-2	844	8413
10-Jun-17 02:00:00	27	-2	844	8432
10-Jun-17 02:30:00	28	-2	847	8451
10-Jun-17 03:00:00	26	-2	847	8470
10-Jun-17 03:30:00	26	-2	846	8489
10-Jun-17 04:00:00	25	-2	847	8507
10-Jun-17 04:30:00	25	-2	846	8525
10-Jun-17 05:00:00	25	-2	846	8543
10-Jun-17 05:30:00	25	-2	846	8561
10-Jun-17 06:00:00	25	-2	847	8578
10-Jun-17 06:30:00	23	-2	848	8596
10-Jun-17 07:00:00	24	-2	847	8613
10-Jun-17 07:30:00	24	-2	845	8630
10-Jun-17 08:00:00	22	-2	846	8647
10-Jun-17 08:30:00	24	-2	848	8664
10-Jun-17 09:00:00	22	-2	845	8681
10-Jun-17 09:30:00	24	-2	846	8697
10-Jun-17 10:00:00	23	-2	847	8714
10-Jun-17 10:30:00	23	-2	845	8730
10-Jun-17 11:00:00	0	-2	825	8745
10-Jun-17 11:30:00	0	-1	795	8745
10-Jun-17 12:00:00	0	0	782	8745
10-Jun-17 12:30:00	0	0	774	8745
10-Jun-17 13:00:00	0	1	766	8745
10-Jun-17 13:30:00	0	2	760	8745
10-Jun-17 14:00:00	0	2	755	8745
10-Jun-17 14:30:00	0	3	750	8745
10-Jun-17 15:00:00	0	4	746	8745
10-Jun-17 15:30:00	0	5	742	8745

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Press At Casing (psf)	Totalizer (bbls)
10-Jun-17 16:00:00	0	5	739	8745
10-Jun-17 16:30:00	0	6	735	8745
10-Jun-17 17:00:00	0	7	732	8745
10-Jun-17 17:30:00	0	7	729	8745
10-Jun-17 18:00:00	0	8	727	8745
10-Jun-17 18:30:00	0	9	724	8745
10-Jun-17 19:00:00	0	9	721	8745
10-Jun-17 19:30:00	0	10	719	8745
10-Jun-17 20:00:00	0	10	716	8745
10-Jun-17 20:30:00	0	11	714	8745
10-Jun-17 21:00:00	0	12	712	8745
10-Jun-17 21:30:00	0	12	710	8745
10-Jun-17 22:00:00	0	13	708	8745
10-Jun-17 22:30:00	0	13	706	8745
10-Jun-17 23:00:00	0	14	704	8745
10-Jun-17 23:30:00	0	14	703	8745
11-Jun-17 00:00:00	0	15	701	8745
11-Jun-17 00:30:00	0	16	699	8745
11-Jun-17 01:00:00	0	16	698	8745
11-Jun-17 01:30:00	0	17	696	8745
11-Jun-17 02:00:00	0	17	695	8745
11-Jun-17 02:30:00	0	18	694	8745
11-Jun-17 03:00:00	0	18	692	8745
11-Jun-17 03:30:00	0	19	690	8745
11-Jun-17 04:00:00	0	19	689	8745
11-Jun-17 04:30:00	0	20	688	8745
11-Jun-17 05:00:00	0	20	686	8745
11-Jun-17 05:30:00	0	21	686	8745
11-Jun-17 06:00:00	0	21	684	8745
11-Jun-17 06:30:00	0	22	683	8745
11-Jun-17 07:00:00	0	22	682	8745
11-Jun-17 07:30:00	0	22	681	8745
11-Jun-17 08:00:00	0	23	680	8745
11-Jun-17 08:30:00	0	24	678	8745
11-Jun-17 09:00:00	0	24	678	8745
11-Jun-17 09:30:00	0	25	676	8745
11-Jun-17 10:00:00	0	25	676	8745
11-Jun-17 10:30:00	0	26	674	8745
11-Jun-17 11:00:00	0	26	673	8745
11-Jun-17 11:30:00	0	27	672	8745
11-Jun-17 12:00:00	0	27	671	8745
11-Jun-17 12:30:00	0	28	670	8745
11-Jun-17 13:00:00	0	28	669	8745
11-Jun-17 13:30:00	0	29	668	8745
11-Jun-17 14:00:00	0	29	668	8745
11-Jun-17 14:30:00	0	30	667	8745
11-Jun-17 15:00:00	0	30	666	8745
11-Jun-17 15:30:00	0	31	665	8745
11-Jun-17 16:00:00	0	31	664	8745
11-Jun-17 16:30:00	0	32	663	8745
11-Jun-17 17:00:00	0	32	663	8745
11-Jun-17 17:30:00	0	32	662	8745
11-Jun-17 18:00:00	0	33	661	8745
11-Jun-17 18:30:00	0	33	661	8745
11-Jun-17 19:00:00	0	34	660	8745
11-Jun-17 19:30:00	0	34	659	8745
11-Jun-17 20:00:00	0	35	658	8745
11-Jun-17 20:30:00	0	35	657	8745

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
11-Jun-17 21:00:00	0	35	657	8745
11-Jun-17 21:30:00	0	36	656	8745
11-Jun-17 22:00:00	0	36	656	8745
11-Jun-17 22:30:00	0	37	655	8745
11-Jun-17 23:00:00	0	37	654	8745
11-Jun-17 23:30:00	0	37	653	8745
12-Jun-17 00:00:00	0	38	653	8745
12-Jun-17 00:30:00	0	38	652	8745
12-Jun-17 01:00:00	0	38	652	8745
12-Jun-17 01:30:00	0	39	651	8745
12-Jun-17 02:00:00	0	39	650	8745
12-Jun-17 02:30:00	0	39	650	8745
12-Jun-17 03:00:00	0	40	649	8745
12-Jun-17 03:30:00	0	40	649	8745
12-Jun-17 04:00:00	0	40	648	8745
12-Jun-17 04:30:00	0	40	647	8745
12-Jun-17 05:00:00	0	41	647	8745
12-Jun-17 05:30:00	0	41	646	8745
12-Jun-17 06:00:00	0	41	646	8745
12-Jun-17 06:30:00	0	42	646	8745
12-Jun-17 07:00:00	0	42	645	8745
12-Jun-17 07:30:00	0	42	644	8745
12-Jun-17 08:00:00	0	43	644	8745
12-Jun-17 08:30:00	0	43	643	8745
12-Jun-17 09:00:00	0	44	642	8745
12-Jun-17 09:30:00	0	44	642	8745
12-Jun-17 10:00:00	0	44	641	8745
12-Jun-17 10:30:00	0	45	640	8745
12-Jun-17 11:00:00	0	45	640	8745
12-Jun-17 11:30:00	79	7	810	8795
12-Jun-17 12:00:00	67	0	836	8849
12-Jun-17 12:30:00	58	-2	840	8892
12-Jun-17 13:00:00	51	-2	842	8930
12-Jun-17 13:30:00	46	-2	842	8965
12-Jun-17 14:00:00	43	-3	845	8997
12-Jun-17 14:30:00	40	-3	841	9026
12-Jun-17 15:00:00	38	-3	842	9055
12-Jun-17 15:30:00	36	-3	844	9082
12-Jun-17 16:00:00	35	-3	843	9107
12-Jun-17 16:30:00	34	-2	847	9131
12-Jun-17 17:00:00	33	-2	847	9155
12-Jun-17 17:30:00	31	-2	845	9178
12-Jun-17 18:00:00	31	-2	846	9200
12-Jun-17 18:30:00	29	-2	844	9221
12-Jun-17 19:00:00	29	-2	846	9242
12-Jun-17 19:30:00	28	-2	847	9263
12-Jun-17 20:00:00	27	-2	845	9282
12-Jun-17 20:30:00	28	-2	847	9302
12-Jun-17 21:00:00	27	-2	846	9321
12-Jun-17 21:30:00	26	-2	845	9339
12-Jun-17 22:00:00	25	-2	845	9358
12-Jun-17 22:30:00	24	-2	845	9375
12-Jun-17 23:00:00	25	-2	844	9393
12-Jun-17 23:30:00	24	-2	844	9410
13-Jun-17 00:00:00	24	-2	847	9428
13-Jun-17 00:30:00	24	-2	846	9445
13-Jun-17 01:00:00	23	-2	844	9461
13-Jun-17 01:30:00	23	-2	846	9478

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
13-Jun-17 02:00:00	23	-2	847	9494
13-Jun-17 02:30:00	22	-2	849	9510
13-Jun-17 03:00:00	21	-2	845	9526
13-Jun-17 03:30:00	22	-2	846	9542
13-Jun-17 04:00:00	22	-2	847	9558
13-Jun-17 04:30:00	22	-2	847	9573
13-Jun-17 05:00:00	21	-2	845	9588
13-Jun-17 05:30:00	22	-2	849	9603
13-Jun-17 06:00:00	21	-2	846	9618
13-Jun-17 06:30:00	21	-2	851	9633
13-Jun-17 07:00:00	21	-2	845	9648
13-Jun-17 07:30:00	34	-2	876	9669
13-Jun-17 08:00:00	30	-3	878	9692
13-Jun-17 08:30:00	28	-3	876	9712
13-Jun-17 09:00:00	27	-3	873	9732
13-Jun-17 09:30:00	26	-3	875	9750
13-Jun-17 10:00:00	26	-3	876	9769
13-Jun-17 10:30:00	31	-3	890	9790
13-Jun-17 11:00:00	29	-3	890	9812
13-Jun-17 11:30:00	37	-3	913	9840
13-Jun-17 12:00:00	34	-3	914	9866
13-Jun-17 12:30:00	32	-3	915	9890
13-Jun-17 13:00:00	35	-3	924	9916
13-Jun-17 13:30:00	37	-3	929	9942
13-Jun-17 14:00:00	34	-3	929	9967
13-Jun-17 14:30:00	33	-3	929	9991
13-Jun-17 15:00:00	38	-3	939	10016
13-Jun-17 15:30:00	34	-3	939	10041
13-Jun-17 16:00:00	33	-3	941	10065
13-Jun-17 16:30:00	33	-3	939	10089
13-Jun-17 17:00:00	32	-3	940	10112
13-Jun-17 17:30:00	33	-3	944	10136
13-Jun-17 18:00:00	33	-3	946	10159
13-Jun-17 18:30:00	31	-3	943	10182
13-Jun-17 19:00:00	31	-3	943	10204
13-Jun-17 19:30:00	31	-3	945	10226
13-Jun-17 20:00:00	35	-3	955	10249
13-Jun-17 20:30:00	32	-3	953	10273
13-Jun-17 21:00:00	32	-3	957	10296
13-Jun-17 21:30:00	32	-3	955	10319
13-Jun-17 22:00:00	30	-3	954	10341
13-Jun-17 22:30:00	30	-3	957	10362
13-Jun-17 23:00:00	30	-3	955	10384
13-Jun-17 23:30:00	30	-3	955	10405
14-Jun-17 00:00:00	29	-3	956	10426
14-Jun-17 00:30:00	29	-3	954	10447
14-Jun-17 01:00:00	29	-3	955	10467
14-Jun-17 01:30:00	28	-3	958	10488
14-Jun-17 02:00:00	29	-3	956	10507
14-Jun-17 02:30:00	28	-3	956	10527
14-Jun-17 03:00:00	28	-3	955	10547
14-Jun-17 03:30:00	28	-3	955	10567
14-Jun-17 04:00:00	27	-3	953	10586
14-Jun-17 04:30:00	34	-3	964	10606
14-Jun-17 05:00:00	31	-3	966	10628
14-Jun-17 05:30:00	30	-3	964	10649
14-Jun-17 06:00:00	0	-3	930	10667
14-Jun-17 06:30:00	0	-2	897	10667

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
14-Jun-17 07:00:00	0	-2	881	10667
14-Jun-17 07:30:00	0	-1	870	10667
14-Jun-17 08:00:00	0	-1	861	10667
14-Jun-17 08:30:00	0	0	854	10667
14-Jun-17 09:00:00	0	1	847	10667
14-Jun-17 09:30:00	0	1	841	10667
14-Jun-17 10:00:00	0	2	836	10667
14-Jun-17 10:30:00	0	2	831	10667
14-Jun-17 11:00:00	0	3	827	10667
14-Jun-17 11:30:00	0	3	822	10667
14-Jun-17 12:00:00	0	4	819	10667
14-Jun-17 12:30:00	55	4	879	10671
14-Jun-17 13:00:00	26	1	877	10694
14-Jun-17 13:30:00	23	0	883	10711
14-Jun-17 14:00:00	20	0	880	10726
14-Jun-17 14:30:00	19	-1	879	10740
14-Jun-17 15:00:00	18	-1	880	10753
14-Jun-17 15:30:00	19	-1	885	10768
14-Jun-17 16:00:00	19	-1	885	10782
14-Jun-17 16:30:00	18	-1	887	10795
14-Jun-17 17:00:00	18	-1	884	10808
14-Jun-17 17:30:00	18	-1	888	10820
14-Jun-17 18:00:00	18	-1	887	10832
14-Jun-17 18:30:00	17	-1	888	10844
14-Jun-17 19:00:00	17	-1	889	10856
14-Jun-17 19:30:00	16	-1	887	10868
14-Jun-17 20:00:00	26	-2	904	10883
14-Jun-17 20:30:00	23	-2	905	10900
14-Jun-17 21:00:00	22	-2	905	10916
14-Jun-17 21:30:00	21	-2	904	10932
14-Jun-17 22:00:00	20	-2	904	10946
14-Jun-17 22:30:00	24	2	911	10961
14-Jun-17 23:00:00	21	-2	912	10977
14-Jun-17 23:30:00	20	-2	910	10992
15-Jun-17 00:00:00	20	-2	911	11006
15-Jun-17 00:30:00	19	-2	909	11021
15-Jun-17 01:00:00	20	-2	912	11035
15-Jun-17 01:30:00	19	-2	910	11049
15-Jun-17 02:00:00	19	-2	911	11062
15-Jun-17 02:30:00	19	-2	912	11076
15-Jun-17 03:00:00	18	-2	911	11089
15-Jun-17 03:30:00	18	-2	909	11103
15-Jun-17 04:00:00	19	-2	911	11116
15-Jun-17 04:30:00	24	-2	923	11131
15-Jun-17 05:00:00	22	-2	921	11147
15-Jun-17 05:30:00	21	-3	919	11163
15-Jun-17 06:00:00	21	-3	921	11178
15-Jun-17 06:30:00	20	-3	923	11192
15-Jun-17 07:00:00	20	-3	919	11207
15-Jun-17 07:30:00	24	-3	932	11223
15-Jun-17 08:00:00	27	-3	941	11243
15-Jun-17 08:30:00	29	-3	950	11264
15-Jun-17 09:00:00	38	-3	969	11287
15-Jun-17 09:30:00	33	-3	971	11312
15-Jun-17 10:00:00	31	-4	970	11334
15-Jun-17 10:30:00	34	-4	988	11359
15-Jun-17 11:00:00	35	-4	989	11386
15-Jun-17 11:30:00	38	4	996	11412

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Shot Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
15-Jun-17 12:00:00	36	-4	999	11438
15-Jun-17 12:30:00	33	-4	999	11463
15-Jun-17 13:00:00	33	-4	999	11486
15-Jun-17 13:30:00	32	-4	997	11509
15-Jun-17 14:00:00	37	-4	1012	11535
15-Jun-17 14:30:00	34	-4	1013	11561
15-Jun-17 15:00:00	43	-4	1038	11593
15-Jun-17 15:30:00	40	-4	1039	11623
15-Jun-17 16:00:00	39	-4	1038	11651
15-Jun-17 16:30:00	37	-4	1041	11678
15-Jun-17 17:00:00	35	-4	1037	11704
15-Jun-17 17:30:00	36	-4	1039	11729
15-Jun-17 18:00:00	36	-4	1038	11754
15-Jun-17 18:30:00	34	-4	1038	11779
15-Jun-17 19:00:00	33	-4	1041	11803
15-Jun-17 19:30:00	33	-4	1039	11826
15-Jun-17 20:00:00	32	-4	1039	11850
15-Jun-17 20:30:00	32	-4	1039	11873
15-Jun-17 21:00:00	32	-4	1041	11896
15-Jun-17 21:30:00	31	-4	1042	11918
15-Jun-17 22:00:00	30	-4	1038	11940
15-Jun-17 22:30:00	30	-4	1039	11962
15-Jun-17 23:00:00	30	-4	1039	11984
15-Jun-17 23:30:00	30	-4	1040	12006
16-Jun-17 00:00:00	29	-4	1040	12027
16-Jun-17 00:30:00	30	-4	1040	12049
16-Jun-17 01:00:00	29	-4	1039	12070
16-Jun-17 01:30:00	28	-4	1041	12091
16-Jun-17 02:00:00	30	-4	1039	12112
16-Jun-17 02:30:00	29	-4	1039	12132
16-Jun-17 03:00:00	29	-4	1040	12153
16-Jun-17 03:30:00	29	-4	1038	12173
16-Jun-17 04:00:00	29	-4	1040	12194
16-Jun-17 04:30:00	27	-4	1039	12214
16-Jun-17 05:00:00	29	-4	1039	12234
16-Jun-17 05:30:00	30	-4	1043	12255
16-Jun-17 06:00:00	30	-4	1045	12276
16-Jun-17 06:30:00	29	-4	1044	12297
16-Jun-17 07:00:00	28	-4	1044	12317
16-Jun-17 07:30:00	34	-4	1054	12338
16-Jun-17 08:00:00	31	-4	1055	12361
16-Jun-17 08:30:00	30	-4	1056	12384
16-Jun-17 09:00:00	38	-4	1064	12406
16-Jun-17 09:30:00	34	-4	1064	12430
16-Jun-17 10:00:00	32	-4	1063	12454
16-Jun-17 10:30:00	31	-4	1063	12477
16-Jun-17 11:00:00	31	-4	1064	12499
16-Jun-17 11:30:00	32	-4	1064	12521
16-Jun-17 12:00:00	30	-4	1064	12543
16-Jun-17 12:30:00	31	-4	1064	12565
16-Jun-17 13:00:00	30	-4	1064	12586
16-Jun-17 13:30:00	34	-4	1074	12609
16-Jun-17 14:00:00	33	-4	1073	12633
16-Jun-17 14:30:00	32	-1	1075	12656
16-Jun-17 15:00:00	32	-1	1075	12678
16-Jun-17 15:30:00	40	-1	1088	12702
16-Jun-17 16:00:00	35	-3	1086	12728
16-Jun-17 16:30:00	34	-1	1091	12753

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Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Press At Casing (psl)	Totalizer (bbls)
16-Jun-17 17:00:00	33	-1	1090	12777
16-Jun-17 17:30:00	33	1	1087	12801
16-Jun-17 18:00:00	33	-1	1090	12825
16-Jun-17 18:30:00	33	-1	1090	12848
16-Jun-17 19:00:00	33	-1	1087	12871
16-Jun-17 19:30:00	32	-1	1090	12894
16-Jun-17 20:00:00	31	-1	1090	12916
16-Jun-17 20:30:00	32	-1	1089	12939
16-Jun-17 21:00:00	30	-1	1089	12961
16-Jun-17 21:30:00	30	-1	1090	12983
16-Jun-17 22:00:00	30	-1	1092	13004
16-Jun-17 22:30:00	30	-1	1090	13026
16-Jun-17 23:00:00	30	-1	1088	13047
16-Jun-17 23:30:00	29	-1	1089	13069
17-Jun-17 00:00:00	29	-1	1092	13090
17-Jun-17 00:30:00	30	-1	1089	13111
17-Jun-17 01:00:00	29	-1	1090	13132
17-Jun-17 01:30:00	29	-1	1090	13153
17-Jun-17 02:00:00	29	-1	1088	13174
17-Jun-17 02:30:00	30	-1	1089	13194
17-Jun-17 03:00:00	29	-1	1092	13215
17-Jun-17 03:30:00	28	-1	1090	13235
17-Jun-17 04:00:00	28	-1	1089	13256
17-Jun-17 04:30:00	28	-1	1092	13276
17-Jun-17 05:00:00	29	-1	1093	13296
17-Jun-17 05:30:00	28	-1	1089	13317
17-Jun-17 06:00:00	39	-1	1111	13341
17-Jun-17 06:30:00	35	-1	1115	13368
17-Jun-17 07:00:00	35	-1	1114	13393
17-Jun-17 07:30:00	33	-1	1114	13418
17-Jun-17 08:00:00	34	-1	1116	13441
17-Jun-17 08:30:00	33	-1	1113	13465
17-Jun-17 09:00:00	32	-1	1114	13488
17-Jun-17 09:30:00	32	-1	1112	13511
17-Jun-17 10:00:00	31	-1	1114	13534
17-Jun-17 10:30:00	32	1	1114	13556
17-Jun-17 11:00:00	32	-1	1117	13579
17-Jun-17 11:30:00	30	-1	1113	13601
17-Jun-17 12:00:00	35	-1	1121	13624
17-Jun-17 12:30:00	34	-1	1126	13649
17-Jun-17 13:00:00	33	-1	1125	13672
17-Jun-17 13:30:00	33	-1	1123	13695
17-Jun-17 14:00:00	32	-1	1124	13719
17-Jun-17 14:30:00	32	-1	1122	13741
17-Jun-17 15:00:00	31	-1	1127	13764
17-Jun-17 15:30:00	31	-1	1125	13786
17-Jun-17 16:00:00	31	-1	1127	13809
17-Jun-17 16:30:00	31	-1	1127	13831
17-Jun-17 17:00:00	31	-1	1124	13853
17-Jun-17 17:30:00	30	-1	1125	13874
17-Jun-17 18:00:00	30	-1	1123	13896
17-Jun-17 18:30:00	32	-1	1126	13918
17-Jun-17 19:00:00	5	-1	1110	13939
17-Jun-17 19:30:00	0	0	1060	13939
17-Jun-17 20:00:00	47	0	1117	13949
17-Jun-17 20:30:00	38	0	1129	13979
17-Jun-17 21:00:00	34	0	1129	14004
17-Jun-17 21:30:00	48	-1	1135	14034

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
17-Jun-17 22:00:00	43	-1	1157	14066
17-Jun-17 22:30:00	40	-1	1158	14095
17-Jun-17 23:00:00	38	-1	1157	14123
17-Jun-17 23:30:00	38	-1	1157	14150
18-Jun-17 00:00:00	36	-1	1158	14177
18-Jun-17 00:30:00	37	-1	1159	14203
18-Jun-17 01:00:00	38	-1	1163	14229
18-Jun-17 01:30:00	37	-1	1163	14256
18-Jun-17 02:00:00	36	-1	1163	14282
18-Jun-17 02:30:00	37	-1	1166	14308
18-Jun-17 03:00:00	44	-1	1182	14338
18-Jun-17 03:30:00	44	-1	1189	14369
18-Jun-17 04:00:00	41	-2	1185	14400
18-Jun-17 04:30:00	40	-2	1188	14429
18-Jun-17 05:00:00	40	-2	1187	14458
18-Jun-17 05:30:00	39	-2	1190	14487
18-Jun-17 06:00:00	38	-2	1189	14514
18-Jun-17 06:30:00	38	-2	1189	14542
18-Jun-17 07:00:00	37	-2	1187	14569
18-Jun-17 07:30:00	38	-2	1186	14596
18-Jun-17 08:00:00	37	-2	1189	14623
18-Jun-17 08:30:00	37	-2	1189	14649
18-Jun-17 09:00:00	37	-2	1186	14676
18-Jun-17 09:30:00	36	-2	1190	14702
18-Jun-17 10:00:00	35	-2	1188	14728
18-Jun-17 10:30:00	36	-2	1190	14753
18-Jun-17 11:00:00	37	-1	1187	14779
18-Jun-17 11:30:00	35	-1	1189	14804
18-Jun-17 12:00:00	35	-1	1187	14829
18-Jun-17 12:30:00	35	-1	1189	14854
18-Jun-17 13:00:00	34	-1	1189	14879
18-Jun-17 13:30:00	34	-1	1191	14904
18-Jun-17 14:00:00	35	-1	1187	14928
18-Jun-17 14:30:00	33	-1	1188	14953
18-Jun-17 15:00:00	34	-1	1189	14977
18-Jun-17 15:30:00	35	-1	1190	15002
18-Jun-17 16:00:00	35	-1	1190	15026
18-Jun-17 16:30:00	34	-1	1188	15050
18-Jun-17 17:00:00	35	-1	1192	15073
18-Jun-17 17:30:00	33	-1	1189	15097
18-Jun-17 18:00:00	32	-1	1188	15121
18-Jun-17 18:30:00	32	-1	1191	15144
18-Jun-17 19:00:00	33	-1	1192	15168
18-Jun-17 19:30:00	33	-1	1190	15191
18-Jun-17 20:00:00	32	-1	1192	15214
18-Jun-17 20:30:00	32	-1	1191	15238
18-Jun-17 21:00:00	32	-1	1188	15261
18-Jun-17 21:30:00	32	-1	1190	15284
18-Jun-17 22:00:00	32	-1	1190	15306
18-Jun-17 22:30:00	32	-1	1190	15329
18-Jun-17 23:00:00	32	-1	1190	15352
18-Jun-17 23:30:00	32	-1	1189	15375
19-Jun-17 00:00:00	32	-1	1192	15397
19-Jun-17 00:30:00	31	-1	1190	15420
19-Jun-17 01:00:00	31	-1	1189	15442
19-Jun-17 01:30:00	32	-1	1188	15464
19-Jun-17 02:00:00	31	-1	1188	15487
19-Jun-17 02:30:00	32	-1	1190	15509

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
19-Jun-17 03:00:00	31	-1	1189	15531
19-Jun-17 03:30:00	31	-1	1189	15553
19-Jun-17 04:00:00	31	-1	1189	15575
19-Jun-17 04:30:00	30	-1	1190	15597
19-Jun-17 05:00:00	31	-1	1192	15619
19-Jun-17 05:30:00	29	-1	1189	15641
19-Jun-17 06:00:00	31	-1	1188	15663
19-Jun-17 06:30:00	31	-1	1190	15684
19-Jun-17 07:00:00	30	-1	1188	15706
19-Jun-17 07:30:00	30	-1	1190	15728
19-Jun-17 08:00:00	30	-1	1190	15749
19-Jun-17 08:30:00	33	-1	1193	15771
19-Jun-17 09:00:00	31	-1	1196	15794
19-Jun-17 09:30:00	31	-1	1194	15817
19-Jun-17 10:00:00	30	-1	1195	15839
19-Jun-17 10:30:00	32	-1	1193	15861
19-Jun-17 11:00:00	31	-1	1197	15883
19-Jun-17 11:30:00	32	-1	1199	15905
19-Jun-17 12:00:00	32	-1	1198	15928
19-Jun-17 12:30:00	31	-1	1197	15951
19-Jun-17 13:00:00	32	-1	1200	15973
19-Jun-17 13:30:00	31	-1	1200	15995
19-Jun-17 14:00:00	32	-1	1199	16018
19-Jun-17 14:30:00	31	-1	1199	16040
19-Jun-17 15:00:00	36	-1	1209	16064
19-Jun-17 15:30:00	33	-1	1208	16088
19-Jun-17 16:00:00	33	-1	1212	16112
19-Jun-17 16:30:00	32	-1	1211	16136
19-Jun-17 17:00:00	32	-1	1213	16159
19-Jun-17 17:30:00	31	-1	1211	16182
19-Jun-17 18:00:00	37	-1	1211	16205
19-Jun-17 18:30:00	31	-1	1210	16227
19-Jun-17 19:00:00	35	-1	1215	16251
19-Jun-17 19:30:00	33	-1	1213	16275
19-Jun-17 20:00:00	33	-1	1218	16298
19-Jun-17 20:30:00	32	-1	1212	16321
19-Jun-17 21:00:00	32	-1	1215	16344
19-Jun-17 21:30:00	31	0	1213	16367
19-Jun-17 22:00:00	32	0	1214	16389
19-Jun-17 22:30:00	32	0	1214	16417
19-Jun-17 23:00:00	31	0	1214	16434
19-Jun-17 23:30:00	31	0	1214	16457
20-Jun-17 00:00:00	32	0	1213	16479
20-Jun-17 00:30:00	32	0	1219	16503
20-Jun-17 01:00:00	32	-1	1219	16526
20-Jun-17 01:30:00	32	-1	1220	16549
20-Jun-17 02:00:00	32	-1	1219	16571
20-Jun-17 02:30:00	32	-1	1222	16594
20-Jun-17 03:00:00	31	-1	1222	16616
20-Jun-17 03:30:00	32	-1	1219	16639
20-Jun-17 04:00:00	34	-1	1222	16661
20-Jun-17 04:30:00	33	-1	1225	16685
20-Jun-17 05:00:00	33	-1	1224	16708
20-Jun-17 05:30:00	31	-1	1225	16731
20-Jun-17 06:00:00	31	-1	1225	16754
20-Jun-17 06:30:00	31	-1	1225	16776
20-Jun-17 07:00:00	31	-1	1228	16799
20-Jun-17 07:30:00	32	-1	1222	16821

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Root Path:	Flowrate (gpm)	Casing Pressure (psl)	Injection Press At Casing (psl)	Totalizer (bbls)
20-Jun-17 08:00:00	32	-1	1226	16843
20-Jun-17 08:30:00	31	-1	1226	16865
20-Jun-17 09:00:00	30	-1	1224	16887
20-Jun-17 09:30:00	31	-1	1227	16909
20-Jun-17 10:00:00	31	-1	1222	16931
20-Jun-17 10:30:00	30	-1	1227	16953
20-Jun-17 11:00:00	30	-1	1223	16974
20-Jun-17 11:30:00	30	-1	1226	16996
20-Jun-17 12:00:00	30	-1	1225	17017
20-Jun-17 12:30:00	32	-1	1229	17040
20-Jun-17 13:00:00	32	-1	1232	17062
20-Jun-17 13:30:00	30	0	1229	17084
20-Jun-17 14:00:00	31	0	1228	17106
20-Jun-17 14:30:00	30	0	1231	17128
20-Jun-17 15:00:00	30	0	1229	17150
20-Jun-17 15:30:00	29	0	1231	17171
20-Jun-17 16:00:00	30	0	1232	17193
20-Jun-17 16:30:00	30	0	1228	17214
20-Jun-17 17:00:00	30	0	1233	17235
20-Jun-17 17:30:00	31	0	1229	17256
20-Jun-17 18:00:00	30	0	1228	17277
20-Jun-17 18:30:00	30	0	1230	17298
20-Jun-17 19:00:00	34	0	1239	17321
20-Jun-17 19:30:00	33	0	1240	17344
20-Jun-17 20:00:00	31	0	1242	17367
20-Jun-17 20:30:00	31	0	1240	17390
20-Jun-17 21:00:00	31	0	1241	17412
20-Jun-17 21:30:00	31	0	1239	17434
20-Jun-17 22:00:00	30	0	1240	17456
20-Jun-17 22:30:00	31	0	1240	17478
20-Jun-17 23:00:00	30	0	1240	17499
20-Jun-17 23:30:00	30	0	1240	17521
21-Jun-17 00:00:00	30	0	1239	17542
21-Jun-17 00:30:00	29	0	1240	17563
21-Jun-17 01:00:00	30	0	1237	17585
21-Jun-17 01:30:00	29	0	1239	17606
21-Jun-17 02:00:00	29	0	1238	17627
21-Jun-17 02:30:00	29	0	1239	17648
21-Jun-17 03:00:00	29	0	1241	17669
21-Jun-17 03:30:00	30	0	1239	17690
21-Jun-17 04:00:00	29	0	1240	17710
21-Jun-17 04:30:00	31	0	1244	17732
21-Jun-17 05:00:00	30	0	1246	17754
21-Jun-17 05:30:00	30	0	1243	17776
21-Jun-17 06:00:00	31	0	1245	17797
21-Jun-17 06:30:00	30	0	1245	17818
21-Jun-17 07:00:00	30	0	1245	17840
21-Jun-17 07:30:00	30	0	1245	17861
21-Jun-17 08:00:00	29	0	1247	17882
21-Jun-17 08:30:00	29	0	1244	17903
21-Jun-17 09:00:00	29	0	1244	17924
21-Jun-17 09:30:00	28	0	1244	17944
21-Jun-17 10:00:00	30	0	1247	17965
21-Jun-17 10:30:00	29	0	1246	17986
21-Jun-17 11:00:00	29	0	1244	18006
21-Jun-17 11:30:00	28	0	1244	18027
21-Jun-17 12:00:00	28	0	1240	18047
21-Jun-17 12:30:00	28	0	1243	18067

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
21-Jun-17 13:00:00	28	0	1244	18088
21-Jun-17 13:30:00	28	0	1246	18108
21-Jun-17 14:00:00	29	0	1247	18128
21-Jun-17 14:30:00	28	0	1245	18148
21-Jun-17 15:00:00	27	0	1247	18168
21-Jun-17 15:30:00	28	0	1244	18188
21-Jun-17 16:00:00	28	0	1246	18209
21-Jun-17 16:30:00	32	0	1251	18229
21-Jun-17 17:00:00	29	0	1249	18250
21-Jun-17 17:30:00	25	0	1250	18271
21-Jun-17 18:00:00	29	0	1249	18292
21-Jun-17 18:30:00	28	0	1252	18312
21-Jun-17 19:00:00	32	0	1253	18333
21-Jun-17 19:30:00	30	0	1255	18355
21-Jun-17 20:00:00	30	0	1255	18376
21-Jun-17 20:30:00	30	0	1257	18398
21-Jun-17 21:00:00	29	0	1256	18419
21-Jun-17 21:30:00	28	0	1255	18439
21-Jun-17 22:00:00	29	0	1254	18460
21-Jun-17 22:30:00	29	0	1255	18481
21-Jun-17 23:00:00	29	0	1257	18501
21-Jun-17 23:30:00	29	0	1257	18522
22-Jun-17 00:00:00	29	0	1257	18542
22-Jun-17 00:30:00	29	0	1254	18563
22-Jun-17 01:00:00	27	0	1257	18583
22-Jun-17 01:30:00	29	0	1254	18603
22-Jun-17 02:00:00	28	0	1253	18623
22-Jun-17 02:30:00	28	0	1256	18643
22-Jun-17 03:00:00	28	0	1257	18664
22-Jun-17 03:30:00	27	0	1256	18684
22-Jun-17 04:00:00	28	0	1256	18704
22-Jun-17 04:30:00	28	0	1255	18723
22-Jun-17 05:00:00	30	0	1260	18744
22-Jun-17 05:30:00	30	0	1260	18765
22-Jun-17 06:00:00	29	0	1262	18786
22-Jun-17 06:30:00	29	0	1261	18806
22-Jun-17 07:00:00	29	0	1260	18827
22-Jun-17 07:30:00	13	0	1241	18846
22-Jun-17 08:00:00	0	1	1184	18849
22-Jun-17 08:30:00	0	1	1165	18849
22-Jun-17 09:00:00	27	1	1222	18861
22-Jun-17 09:30:00	0	1	1187	18877
22-Jun-17 10:00:00	0	2	1155	18877
22-Jun-17 10:30:00	0	2	1163	18890
22-Jun-17 11:00:00	0	2	1144	18890
22-Jun-17 11:30:00	0	3	1133	18890
22-Jun-17 12:00:00	0	4	1125	18890
22-Jun-17 12:30:00	0	4	1118	18890
22-Jun-17 13:00:00	0	5	1111	18890
22-Jun-17 13:30:00	0	5	1106	18890
22-Jun-17 14:00:00	0	6	1101	18890
22-Jun-17 14:30:00	0	6	1096	18890
22-Jun-17 15:00:00	0	7	1092	18890
22-Jun-17 15:30:00	0	7	1087	18890
22-Jun-17 16:00:00	0	7	1084	18890
22-Jun-17 16:30:00	0	8	1080	18890
22-Jun-17 17:00:00	0	8	1076	18890
22-Jun-17 17:30:00	0	9	1072	18890

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
22-Jun-17 18:00:00	67	7	1207	18910
22-Jun-17 18:30:00	49	3	1216	18950
22-Jun-17 19:00:00	42	2	1218	18982
22-Jun-17 19:30:00	39	1	1219	19010
22-Jun-17 20:00:00	35	1	1218	19036
22-Jun-17 20:30:00	33	1	1218	19061
22-Jun-17 21:00:00	32	1	1219	19085
22-Jun-17 21:30:00	0	1	1175	19104
22-Jun-17 22:00:00	0	1	1138	19104
22-Jun-17 22:30:00	37	1	1218	19131
22-Jun-17 23:00:00	33	1	1220	19156
22-Jun-17 23:30:00	31	1	1220	19178
23-Jun-17 00:00:00	31	1	1221	19200
23-Jun-17 00:30:00	29	1	1219	19221
23-Jun-17 01:00:00	29	1	1220	19242
23-Jun-17 01:30:00	28	1	1220	19262
23-Jun-17 02:00:00	28	1	1222	19287
23-Jun-17 02:30:00	28	1	1221	19302
23-Jun-17 03:00:00	27	1	1217	19322
23-Jun-17 03:30:00	30	1	1226	19342
23-Jun-17 04:00:00	29	1	1228	19363
23-Jun-17 04:30:00	28	1	1224	19383
23-Jun-17 05:00:00	28	1	1222	19403
23-Jun-17 05:30:00	29	1	1230	19424
23-Jun-17 06:00:00	28	0	1229	19445
23-Jun-17 06:30:00	28	0	1230	19465
23-Jun-17 07:00:00	28	0	1228	19485
23-Jun-17 07:30:00	28	0	1231	19505
23-Jun-17 08:00:00	0	1	1168	19510
23-Jun-17 08:30:00	0	2	1149	19510
23-Jun-17 09:00:00	27	2	1185	19516
23-Jun-17 09:30:00	20	2	1185	19532
23-Jun-17 10:00:00	20	2	1187	19547
23-Jun-17 10:30:00	20	2	1186	19561
23-Jun-17 11:00:00	33	1	1209	19579
23-Jun-17 11:30:00	29	1	1214	19601
23-Jun-17 12:00:00	29	1	1219	19622
23-Jun-17 12:30:00	28	1	1219	19642
23-Jun-17 13:00:00	27	1	1218	19662
23-Jun-17 13:30:00	27	1	1220	19687
23-Jun-17 14:00:00	27	1	1220	19700
23-Jun-17 14:30:00	30	1	1230	19722
23-Jun-17 15:00:00	29	1	1230	19743
23-Jun-17 15:30:00	28	1	1230	19763
23-Jun-17 16:00:00	31	1	1238	19785
23-Jun-17 16:30:00	30	1	1240	19807
23-Jun-17 17:00:00	29	1	1240	19828
23-Jun-17 17:30:00	28	1	1240	19849
23-Jun-17 18:00:00	28	1	1242	19869
23-Jun-17 18:30:00	28	1	1240	19889
23-Jun-17 19:00:00	27	1	1239	19909
23-Jun-17 19:30:00	28	1	1241	19929
23-Jun-17 20:00:00	28	1	1240	19948
23-Jun-17 20:30:00	30	1	1247	19969
23-Jun-17 21:00:00	29	1	1248	19990
23-Jun-17 21:30:00	28	1	1247	20011
23-Jun-17 22:00:00	28	1	1248	20031
23-Jun-17 22:30:00	28	1	1246	20051

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
23-Jun-17 23:00:00	28	1	1247	20071
23-Jun-17 23:30:00	27	1	1247	20090
24-Jun-17 00:00:00	30	1	1253	20111
24-Jun-17 00:30:00	29	1	1255	20133
24-Jun-17 01:00:00	28	1	1254	20154
24-Jun-17 01:30:00	29	1	1255	20174
24-Jun-17 02:00:00	29	1	1257	20194
24-Jun-17 02:30:00	27	1	1253	20214
24-Jun-17 03:00:00	28	1	1252	20234
24-Jun-17 03:30:00	27	0	1255	20254
24-Jun-17 04:00:00	27	0	1253	20273
24-Jun-17 04:30:00	28	0	1257	20293
24-Jun-17 05:00:00	27	0	1254	20312
24-Jun-17 05:30:00	30	0	1262	20333
24-Jun-17 06:00:00	30	0	1262	20354
24-Jun-17 06:30:00	29	0	1264	20375
24-Jun-17 07:00:00	30	0	1265	20396
24-Jun-17 07:30:00	29	0	1263	20416
24-Jun-17 08:00:00	29	0	1265	20437
24-Jun-17 08:30:00	28	0	1265	20457
24-Jun-17 09:00:00	28	0	1264	20477
24-Jun-17 09:30:00	28	0	1264	20497
24-Jun-17 10:00:00	29	0	1271	20518
24-Jun-17 10:30:00	29	0	1272	20539
24-Jun-17 11:00:00	28	0	1270	20559
24-Jun-17 11:30:00	28	0	1267	20580
24-Jun-17 12:00:00	28	0	1270	20600
24-Jun-17 12:30:00	28	0	1269	20620
24-Jun-17 13:00:00	28	0	1270	20640
24-Jun-17 13:30:00	29	0	1274	20660
24-Jun-17 14:00:00	30	0	1277	20681
24-Jun-17 14:30:00	29	0	1275	20702
24-Jun-17 15:00:00	28	0	1274	20722
24-Jun-17 15:30:00	28	0	1276	20742
24-Jun-17 16:00:00	27	0	1277	20762
24-Jun-17 16:30:00	32	0	1279	20782
24-Jun-17 17:00:00	29	0	1279	20803
24-Jun-17 17:30:00	29	0	1280	20824
24-Jun-17 18:00:00	29	0	1280	20845
24-Jun-17 18:30:00	29	0	1280	20865
24-Jun-17 19:00:00	27	0	1279	20885
24-Jun-17 19:30:00	28	1	1281	20905
24-Jun-17 20:00:00	31	1	1289	20925
24-Jun-17 20:30:00	30	0	1289	20948
24-Jun-17 21:00:00	31	0	1287	20970
24-Jun-17 21:30:00	33	0	1293	20992
24-Jun-17 22:00:00	32	0	1294	21014
24-Jun-17 22:30:00	31	0	1295	21036
24-Jun-17 23:00:00	30	0	1293	21058
24-Jun-17 23:30:00	30	0	1293	21079
25-Jun-17 00:00:00	29	0	1294	21101
25-Jun-17 00:30:00	31	0	1301	21123
25-Jun-17 01:00:00	30	0	1297	21145
25-Jun-17 01:30:00	30	0	1298	21167
25-Jun-17 02:00:00	29	0	1299	21188
25-Jun-17 02:30:00	29	0	1299	21209
25-Jun-17 03:00:00	29	0	1299	21230
25-Jun-17 03:30:00	30	0	1299	21251

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
25-Jun-17 04:00:00	29	0	1300	21272
25-Jun-17 04:30:00	29	0	1299	21293
25-Jun-17 05:00:00	31	0	1305	21315
25-Jun-17 05:30:00	31	0	1307	21337
25-Jun-17 06:00:00	30	0	1306	21359
25-Jun-17 06:30:00	30	0	1307	21380
25-Jun-17 07:00:00	29	0	1307	21402
25-Jun-17 07:30:00	30	0	1306	21423
25-Jun-17 08:00:00	28	0	1308	21444
25-Jun-17 08:30:00	30	0	1304	21465
25-Jun-17 09:00:00	29	0	1308	21486
25-Jun-17 09:30:00	30	0	1306	21507
25-Jun-17 10:00:00	29	0	1309	21527
25-Jun-17 10:30:00	27	0	1307	21548
25-Jun-17 11:00:00	29	0	1307	21568
25-Jun-17 11:30:00	28	0	1304	21589
25-Jun-17 12:00:00	29	0	1308	21609
25-Jun-17 12:30:00	29	0	1304	21629
25-Jun-17 13:00:00	29	0	1308	21650
25-Jun-17 13:30:00	29	0	1310	21671
25-Jun-17 14:00:00	29	0	1308	21691
25-Jun-17 14:30:00	27	0	1312	21712
25-Jun-17 15:00:00	29	0	1311	21732
25-Jun-17 15:30:00	28	0	1308	21752
25-Jun-17 16:00:00	31	0	1313	21773
25-Jun-17 16:30:00	30	0	1314	21794
25-Jun-17 17:00:00	29	0	1316	21815
25-Jun-17 17:30:00	31	0	1317	21837
25-Jun-17 18:00:00	30	0	1317	21858
25-Jun-17 18:30:00	29	0	1318	21879
25-Jun-17 19:00:00	33	0	1324	21900
25-Jun-17 19:30:00	32	0	1324	21923
25-Jun-17 20:00:00	31	0	1325	21946
25-Jun-17 20:30:00	30	0	1324	21967
25-Jun-17 21:00:00	29	0	1326	21989
25-Jun-17 21:30:00	29	0	1326	22011
25-Jun-17 22:00:00	29	0	1324	22032
25-Jun-17 22:30:00	29	0	1324	22053
25-Jun-17 23:00:00	30	0	1325	22074
25-Jun-17 23:30:00	29	0	1325	22095
26-Jun-17 00:00:00	28	0	1325	22116
26-Jun-17 00:30:00	29	0	1325	22136
26-Jun-17 01:00:00	28	0	1325	22157
26-Jun-17 01:30:00	29	0	1325	22178
26-Jun-17 02:00:00	29	0	1324	22198
26-Jun-17 02:30:00	29	0	1325	22218
26-Jun-17 03:00:00	28	0	1322	22239
26-Jun-17 03:30:00	28	0	1325	22259
26-Jun-17 04:00:00	28	0	1325	22279
26-Jun-17 04:30:00	28	0	1325	22299
26-Jun-17 05:00:00	28	0	1325	22319
26-Jun-17 05:30:00	28	0	1324	22339
26-Jun-17 06:00:00	28	0	1325	22359
26-Jun-17 06:30:00	27	0	1324	22379
26-Jun-17 07:00:00	28	0	1325	22399
26-Jun-17 07:30:00	28	0	1326	22419
26-Jun-17 08:00:00	27	0	1324	22439
26-Jun-17 08:30:00	28	0	1323	22458

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
26-Jun-17 09:00:00	28	0	1325	22478
26-Jun-17 09:30:00	27	0	1323	22498
26-Jun-17 10:00:00	28	0	1324	22517
26-Jun-17 10:30:00	27	0	1324	22537
26-Jun-17 11:00:00	28	0	1325	22557
26-Jun-17 11:30:00	28	0	1325	22576
26-Jun-17 12:00:00	27	0	1325	22596
26-Jun-17 12:30:00	28	1	1325	22615
26-Jun-17 13:00:00	28	1	1325	22634
26-Jun-17 13:30:00	27	1	1324	22653
26-Jun-17 14:00:00	27	1	1325	22673
26-Jun-17 14:30:00	26	1	1324	22692
26-Jun-17 15:00:00	27	1	1324	22711
26-Jun-17 15:30:00	26	1	1325	22730
26-Jun-17 16:00:00	27	1	1326	22749
26-Jun-17 16:30:00	27	1	1325	22769
26-Jun-17 17:00:00	27	1	1324	22788
26-Jun-17 17:30:00	27	1	1325	22807
26-Jun-17 18:00:00	26	1	1324	22826
26-Jun-17 18:30:00	27	1	1328	22845
26-Jun-17 19:00:00	26	1	1323	22863
26-Jun-17 19:30:00	26	1	1327	22882
26-Jun-17 20:00:00	28	1	1327	22901
26-Jun-17 20:30:00	28	1	1329	22921
26-Jun-17 21:00:00	28	1	1332	22941
26-Jun-17 21:30:00	27	1	1329	22961
26-Jun-17 22:00:00	27	1	1327	22980
26-Jun-17 22:30:00	29	1	1335	23000
26-Jun-17 23:00:00	29	1	1335	23021
26-Jun-17 23:30:00	28	1	1335	23041
27-Jun-17 00:00:00	28	1	1335	23061
27-Jun-17 00:30:00	28	1	1334	23081
27-Jun-17 01:00:00	28	1	1336	23101
27-Jun-17 01:30:00	27	1	1333	23120
27-Jun-17 02:00:00	27	1	1337	23140
27-Jun-17 02:30:00	27	1	1337	23160
27-Jun-17 03:00:00	0	2	1277	23162
27-Jun-17 03:30:00	0	2	1266	23162
27-Jun-17 04:00:00	0	3	1236	23162
27-Jun-17 04:30:00	0	3	1221	23162
27-Jun-17 05:00:00	0	4	1211	23162
27-Jun-17 05:30:00	0	4	1202	23162
27-Jun-17 06:00:00	0	5	1195	23162
27-Jun-17 06:30:00	0	5	1189	23162
27-Jun-17 07:00:00	0	6	1183	23162
27-Jun-17 07:30:00	10	6	1211	23166
27-Jun-17 08:00:00	30	5	1263	23179
27-Jun-17 08:30:00	26	3	1265	23199
27-Jun-17 09:00:00	24	3	1266	23217
27-Jun-17 09:30:00	22	2	1265	23233
27-Jun-17 10:00:00	26	2	1276	23251
27-Jun-17 10:30:00	29	2	1275	23268
27-Jun-17 11:00:00	23	2	1275	23285
27-Jun-17 11:30:00	23	2	1277	23301
27-Jun-17 12:00:00	22	2	1277	23317
27-Jun-17 12:30:00	23	2	1275	23333
27-Jun-17 13:00:00	21	2	1275	23349
27-Jun-17 13:30:00	22	2	1275	23365

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Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
27-Jun-17 14:00:00	21	2	1276	23381
27-Jun-17 14:30:00	22	2	1276	23396
27-Jun-17 15:00:00	21	2	1276	23412
27-Jun-17 15:30:00	22	2	1276	23427
27-Jun-17 16:00:00	22	2	1276	23443
27-Jun-17 16:30:00	22	2	1277	23458
27-Jun-17 17:00:00	22	2	1276	23474
27-Jun-17 17:30:00	21	2	1277	23489
27-Jun-17 18:00:00	22	2	1276	23505
27-Jun-17 18:30:00	22	2	1277	23520
27-Jun-17 19:00:00	21	2	1277	23536
27-Jun-17 19:30:00	22	2	1276	23551
27-Jun-17 20:00:00	22	2	1277	23567
27-Jun-17 20:30:00	21	2	1276	23582
27-Jun-17 21:00:00	22	2	1276	23597
27-Jun-17 21:30:00	22	2	1274	23613
27-Jun-17 22:00:00	22	2	1276	23628
27-Jun-17 22:30:00	21	2	1276	23644
27-Jun-17 23:00:00	22	2	1274	23659
27-Jun-17 23:30:00	21	2	1276	23674
28-Jun-17 00:00:00	21	2	1276	23690
28-Jun-17 00:30:00	21	2	1275	23705
28-Jun-17 01:00:00	22	2	1275	23720
28-Jun-17 01:30:00	21	2	1273	23736
28-Jun-17 02:00:00	22	2	1276	23751
28-Jun-17 02:30:00	21	2	1275	23766
28-Jun-17 03:00:00	22	2	1278	23782
28-Jun-17 03:30:00	22	2	1277	23797
28-Jun-17 04:00:00	21	2	1275	23812
28-Jun-17 04:30:00	22	2	1277	23828
28-Jun-17 05:00:00	22	1	1273	23843
28-Jun-17 05:30:00	21	1	1278	23858
28-Jun-17 06:00:00	21	1	1274	23873
28-Jun-17 06:30:00	21	1	1275	23888
28-Jun-17 07:00:00	21	1	1276	23904
28-Jun-17 07:30:00	0	2	1214	23907
28-Jun-17 08:00:00	22	2	1262	23918
28-Jun-17 08:30:00	20	2	1260	23933
28-Jun-17 09:00:00	20	2	1259	23947
28-Jun-17 09:30:00	20	2	1262	23961
28-Jun-17 10:00:00	19	2	1260	23976
28-Jun-17 10:30:00	20	2	1261	23990
28-Jun-17 11:00:00	20	2	1261	24004
28-Jun-17 11:30:00	19	2	1260	24018
28-Jun-17 12:00:00	19	2	1261	24032
28-Jun-17 12:30:00	20	2	1261	24046
28-Jun-17 13:00:00	20	2	1262	24060
28-Jun-17 13:30:00	20	2	1261	24074
28-Jun-17 14:00:00	25	2	1276	24090
28-Jun-17 14:30:00	24	2	1276	24108
28-Jun-17 15:00:00	23	1	1276	24124
28-Jun-17 15:30:00	23	1	1276	24141
28-Jun-17 16:00:00	22	1	1275	24157
28-Jun-17 16:30:00	23	1	1275	24173
28-Jun-17 17:00:00	22	2	1278	24189
28-Jun-17 17:30:00	23	2	1276	24205
28-Jun-17 18:00:00	21	2	1276	24221
28-Jun-17 18:30:00	22	2	1276	24236

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
28-Jun-17 19:00:00	22	2	1276	24252
28-Jun-17 19:30:00	21	2	1276	24268
28-Jun-17 20:00:00	22	2	1276	24283
28-Jun-17 20:30:00	22	2	1274	24299
28-Jun-17 21:00:00	22	2	1275	24314
28-Jun-17 21:30:00	21	2	1278	24329
28-Jun-17 22:00:00	21	2	1276	24345
28-Jun-17 22:30:00	21	2	1275	24360
28-Jun-17 23:00:00	21	2	1277	24375
28-Jun-17 23:30:00	21	2	1277	24390
29-Jun-17 00:00:00	21	2	1276	24406
29-Jun-17 00:30:00	21	2	1276	24421
29-Jun-17 01:00:00	21	2	1276	24436
29-Jun-17 01:30:00	21	2	1273	24451
29-Jun-17 02:00:00	22	2	1277	24466
29-Jun-17 02:30:00	21	2	1276	24482
29-Jun-17 03:00:00	21	2	1275	24497
29-Jun-17 03:30:00	21	2	1275	24512
29-Jun-17 04:00:00	22	1	1277	24527
29-Jun-17 04:30:00	22	1	1274	24542
29-Jun-17 05:00:00	21	1	1275	24557
29-Jun-17 05:30:00	21	1	1276	24572
29-Jun-17 06:00:00	21	1	1276	24587
29-Jun-17 06:30:00	21	1	1276	24602
29-Jun-17 07:00:00	21	1	1276	24617
29-Jun-17 07:30:00	24	1	1284	24634
29-Jun-17 08:00:00	24	1	1285	24651
29-Jun-17 08:30:00	23	1	1285	24668
29-Jun-17 09:00:00	24	1	1287	24684
29-Jun-17 09:30:00	22	1	1284	24701
29-Jun-17 10:00:00	23	1	1285	24717
29-Jun-17 10:30:00	22	1	1285	24733
29-Jun-17 11:00:00	24	1	1288	24749
29-Jun-17 11:30:00	22	1	1285	24765
29-Jun-17 12:00:00	22	1	1285	24781
29-Jun-17 12:30:00	0	1	1242	24794
29-Jun-17 13:00:00	20	1	1275	24808
29-Jun-17 13:30:00	20	1	1275	24823
29-Jun-17 14:00:00	20	1	1274	24837
29-Jun-17 14:30:00	20	1	1276	24852
29-Jun-17 15:00:00	20	1	1279	24867
29-Jun-17 15:30:00	21	1	1279	24881
29-Jun-17 16:00:00	20	1	1277	24896
29-Jun-17 16:30:00	21	2	1277	24911
29-Jun-17 17:00:00	20	2	1274	24925
29-Jun-17 17:30:00	21	2	1276	24940
29-Jun-17 18:00:00	20	2	1275	24954
29-Jun-17 18:30:00	20	2	1275	24969
29-Jun-17 19:00:00	20	2	1276	24984
29-Jun-17 19:30:00	20	2	1278	24999
29-Jun-17 20:00:00	21	2	1275	25013
29-Jun-17 20:30:00	21	2	1278	25028
29-Jun-17 21:00:00	20	2	1275	25042
29-Jun-17 21:30:00	20	2	1279	25057
29-Jun-17 22:00:00	20	2	1278	25071
29-Jun-17 22:30:00	20	2	1276	25086
29-Jun-17 23:00:00	21	2	1277	25100
29-Jun-17 23:30:00	21	2	1277	25115

Injection Well Monthly Reportable Information - June 2017

Root Path:	Flowrate (gpm)	Casing Pressure (psi)	Injection Press At Casing (psi)	Totalizer (bbls)
30-Jun-17 00:00:00	20	2	1275	25129
30-Jun-17 00:30:00	20	2	1277	25144
30-Jun-17 01:00:00	21	2	1275	25159
30-Jun-17 01:30:00	21	2	1274	25173
30-Jun-17 02:00:00	21	2	1275	25188
30-Jun-17 02:30:00	21	2	1276	25202
30-Jun-17 03:00:00	21	2	1276	25217
30-Jun-17 03:30:00	21	2	1275	25231
30-Jun-17 04:00:00	21	2	1277	25246
30-Jun-17 04:30:00	19	2	1277	25261
30-Jun-17 05:00:00	19	2	1274	25275
30-Jun-17 05:30:00	19	1	1275	25290
30-Jun-17 06:00:00	21	1	1275	25304
30-Jun-17 06:30:00	20	1	1276	25319
30-Jun-17 07:00:00	21	1	1275	25333
30-Jun-17 07:30:00	28	2	1281	25345
30-Jun-17 08:00:00	24	1	1280	25362
30-Jun-17 08:30:00	22	1	1280	25378
30-Jun-17 09:00:00	23	1	1279	25394
30-Jun-17 09:30:00	21	1	1280	25409
30-Jun-17 10:00:00	21	1	1280	25425
30-Jun-17 10:30:00	20	1	1282	25440
30-Jun-17 11:00:00	20	1	1282	25454
30-Jun-17 11:30:00	20	1	1282	25469
30-Jun-17 12:00:00	20	1	1283	25484
30-Jun-17 12:30:00	22	1	1281	25499
30-Jun-17 13:00:00	20	1	1281	25513
30-Jun-17 13:30:00	20	1	1280	25528
30-Jun-17 14:00:00	20	1	1282	25543
30-Jun-17 14:30:00	22	1	1280	25558
30-Jun-17 15:00:00	21	1	1282	25573
30-Jun-17 15:30:00	21	1	1280	25587
30-Jun-17 16:00:00	20	2	1281	25602
30-Jun-17 16:30:00	20	2	1283	25617
30-Jun-17 17:00:00	21	2	1281	25632
30-Jun-17 17:30:00	21	2	1282	25647
30-Jun-17 18:00:00	21	2	1284	25661
30-Jun-17 18:30:00	21	2	1278	25676
30-Jun-17 19:00:00	21	2	1282	25691
30-Jun-17 19:30:00	21	2	1280	25706
30-Jun-17 20:00:00	21	2	1282	25721
30-Jun-17 20:30:00	21	2	1279	25735
30-Jun-17 21:00:00	21	2	1282	25750
30-Jun-17 21:30:00	21	2	1282	25765
30-Jun-17 22:00:00	20	2	1281	25779
30-Jun-17 22:30:00	20	2	1277	25794
30-Jun-17 23:00:00	21	2	1279	25809
30-Jun-17 23:30:00	21	2	1279	25823
01-Jul-17 00:00:00	20	2	1279	25838

ATTACHMENT E

Integrity Test Reports

Submit 1 Copy To Appropriate District Office
 District I - (505) 333-6162
 1625 N. French Dr., Hobbs, NM 88240
 District II - (505) 748-1293
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Jemez 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

SUNDY 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.)		WELL API NO. 30-045-35747
1. Type of Well: Oil Well ☐ Gas Well ☐ Other: Wastewater Disposal Well ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Western Refining Southwest, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 850 County Road 4990 (PO Box 159), Bloomfield, NM 87413		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter: 11 : 2028 feet from the North line and 1117 feet from the East line Section: 27 Township: 29N Range: 11W NMPM San Juan County		8. Well Number WDW #2
11. Elevation (State whether DE, RKB, RT, GR, etc.) 5535' GL		9. OGRID Number 247595
10. Pool name or Wildcat SWD; Enxada		

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 OPERATIONS ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETIONS ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER:		OTHER: X: MIT, Bradenhead, and High Pressure Shutdown Tests	

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

On June 8th, 2017, Western Refining Southwest, Inc. ("Western") conducted the following tests were performed on WDW #2:

- **Braden Head Test:** The Bradenhead Test was performed on the bradenhead and intermediate casing strings.
- **Mechanical Integrity Test (MIT):** The MIT was performed on the 7"x4-1/2" annulus and packed to 500 psi. The pressure was held for 30 minutes.
- **High-Pressure Shutdown:** The high-pressure shutdown setting was tested on the injection pump.

All were witness by Monica Kueling with the NMOCDA Aztec office. All tests passed. A copy of the test reports are attached for reference. At the end of testing, Ms. Kueling witnessed the start-up of the injection well pump and provided approval for return to full operation. Normal full-time operation of the WDW#2 resumed by approximately 2:20pm on June 8th, 2017.

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: Kelly Robinson TITLE: Environmental Supervisor DATE: 6/9/2017

Type or print name: Kelly Robinson E-mail address: Kelly.Robinson@wmr.com PHONE: 505-637-4166
 For State Use Only

APPROVED BY: Carl J. Chavez TITLE: Environmental Engineer DATE: 6/9/2017
 Conditions of Approval (if any):



NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 6-8-17 Operator Western Ref. SW Inc. API # 30-0 45-35747
Property Name Waste Dis. Well Well # 2 Location: Unit 4 Sec 27 Twn 29 Rgc 11

Land Type:

State _____
Federal _____
Private ☒ _____
Indian _____

Well Type:

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

Temporarily Abandoned Well (Y/N): 0

TA Expires: _____

Casing Pres. 0
Bradenhead Pres. 0
Tubing Pres. 610
Int. Casing Pres. 0

Tbg. SI Pres. _____
Tbg. Inj. Pres. _____

Max. Inj. Pres. _____

Pressured annulus up to 510 psi. for 30 mins. Test passed/failed

REMARKS:

packer set 7230

top up 7312-7470

dropped to 505 held last 15 min.

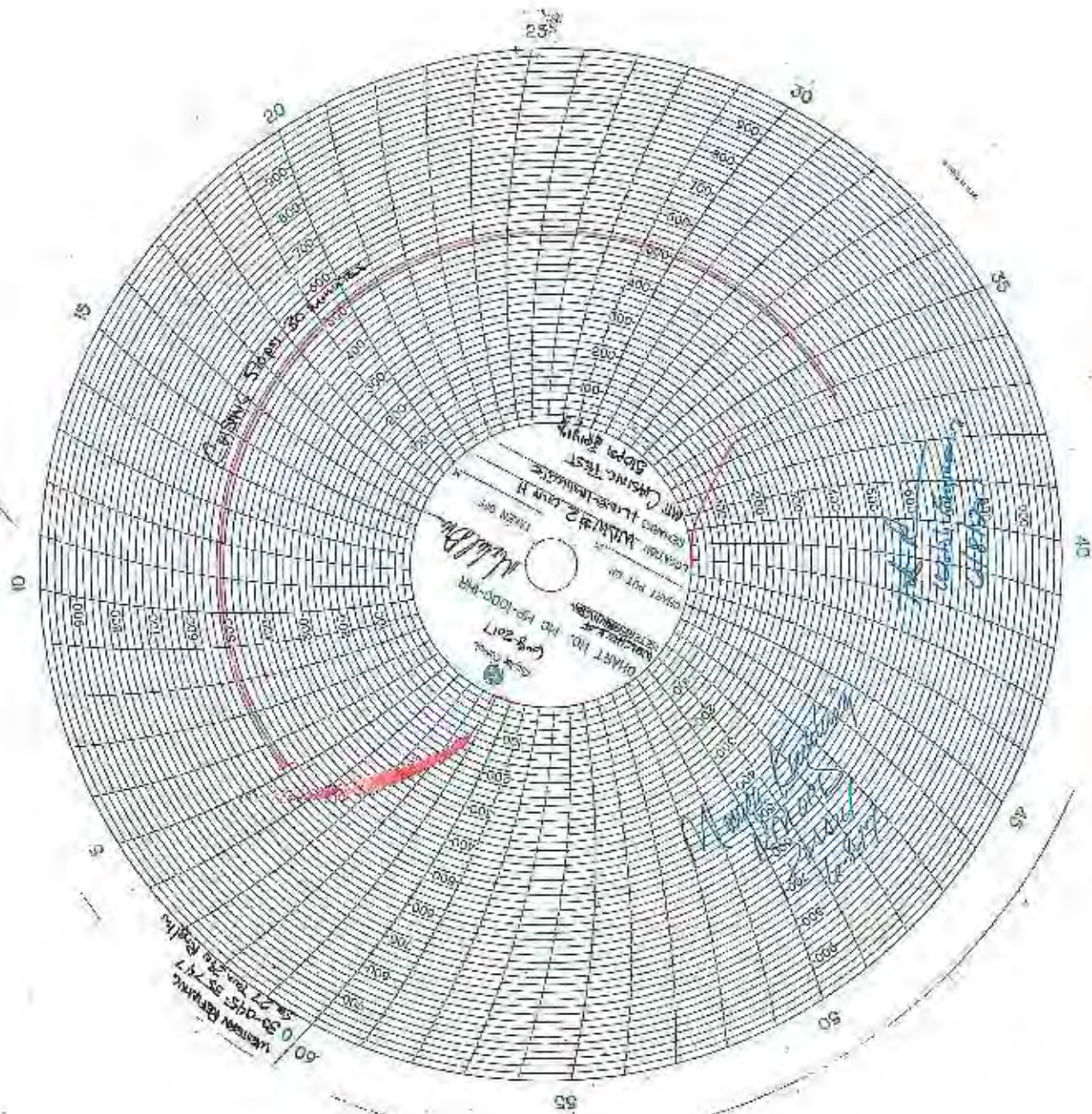
By T. A. R. (Operator Representative)

Witness

Monica Kuehling
(NMOCD)

(Position)

Revised 02-11-02





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 234-6178 FAX: (505) 234-6179
<http://enrred.state.nm.us/ocd/District10/Soletrc.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 6-8-17 Operator Western Ref. API #30-0 45-35747
Property Name Waste Dis. Well Well No. 2 Location: Unit H Section 27 Township 29 Range 11
Well Status (Shut-In or Producing) Initial PSI: Tubing 600 Intermediate 0 Casing 100 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	0	100	0	100
10 min	0	0	100	0	100
15 min	0	0	100	0	100
20 min					
25 min					
30 min					

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	☒	☒
Nothing		
Gas	☒	☒
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:

BA - Puff when opened. Nothing when
opened after 5 min shut-in. Just light blow
to head at 5 min shut-in. Nothing when opened after
5 min shut-in.

By

Site Supervisor

(Position)

Witness

Monica Cuello

E-mail address _____

May 15, 2017

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

FedEx #: 7791 4593 4953

RE: 1st Quarter 2017 Injection Well Report
Western Refining Southwest, Inc. - Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747

Dear Mr. Chavez;

Pursuant to Condition 2.I. of the UICI-011 Injection Well Permit, enclosed is the above referenced quarterly report summarizing the operations of the Class I injection well located at the Western Refining (Western) Bloomfield Terminal facility in Bloomfield, NM. The well was placed into service on March 8, 2017. This report provides a summary of the initial integrity testing performed prior to full operation of the well, and a summary of operational data since March 8, 2017 through March 31, 2017.

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4166 or kelly.robinson@wnr.com.

Sincerely,



Kelly R. Robinson
Environmental Supervisor - Logistics
Western Refining

Cc: Randy Schmaltz (WNR)

TABLE 1

WESTERN REFINING SOUTHWEST, INC. - BLOOMFIELD TERMINAL

P.O. BOX 159

BLOOMFIELD, NEW MEXICO 87413

QUARTERLY INJECTION WELL REPORT

DISCHARGE PERMIT UICI-011 (WDW #2)

U.L: H, SEC 27, T29N, R11W

API #: 30-045-35747

PERIOD 2015	AMOUNT OF WATER FROM RIVER (GALLONS)	AMOUNT FROM WWTP (GALLONS)	TOTALIZER AMOUNT INJECTED (GALLONS)	DOWN- TIME (HRS)	INJECTION PRESSURE			ANNULAR PRESSURE			ON-LINE FLOW RATES		
					MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (PSIA)	MIN (PSIA)	AVG (PSIA)	MAX (GPM)	MIN (GPM)	AVG (GPM)
JAN	651	2,335,000	0	744	-	-	-	-	-	-	-	-	-
FEB	0	1,001,000	0	672	-	-	-	-	-	-	-	-	-
MAR	0	989,000	205,380	364	1,451	0	1,103	48	0	14	67	0	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	-	-	-	-	-	-	-	-	-	-	-	-	-
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	-	-	-	-	-	-	-	-	-	-	-	-	-
SEP	-	-	-	-	-	-	-	-	-	-	-	-	-
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-

The total amount injected in 2015 is:

205,380

gallons

NOTE: Well was abandoned October 28, 2015

CERTIFICATION:

Kelly Packer

DATE:

5/15/2017

Note: Well officially brought on-line full time March 8, 2017.

Analytical Reports and Summary

January – March 2017

Injection Well
2017 Quarterly Analytical Summary

	Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter
Volatile Organic Compounds (ug/L)			3/31/2017
1,1,1,2-Tetrachloroethane			< 5.0
1,1,1-Trichloroethane		60	< 5.0
1,1,2,2-Tetrachloroethane		10	< 10
1,1,2-Trichloroethane		10	< 5.0
1,1-Dichloroethane		25	< 5.0
1,1-Dichloroethene		5	< 5.0
1,1-Dichloropropene			< 5.0
1,2,3-Trichlorobenzene			< 5.0
1,2,3-Trichloropropane			< 10
1,2,4-Trichlorobenzene			< 5.0
1,2,4-Trimethylbenzene			< 5.0
1,2-Dibromo-3-chloropropane			< 20
1,2-Dibromoethane (EDB)		0.1	< 5.0
1,2-Dichlorobenzene			< 5.0
1,2-Dichloroethane (EDC)	500	10	< 5.0
1,2-Dichloropropane			< 5.0
1,3,5-Trimethylbenzene			< 5.0
1,3-Dichlorobenzene			< 5.0
1,3-Dichloropropane			< 5.0
1,4-Dichlorobenzene	7500		< 5.0
1-Methylnaphthalene			< 20
2,2-Dichloropropane			< 10
2-Butanone			60
2-Chlorotoluene			< 5.0
2-Hexanone			< 50
2-Methylnaphthalene			< 20
4-Chlorotoluene			< 5.0
4-Isopropyltoluene			190
4-Methyl-2-pentanone			< 50
Acetone			860
Benzene	500	10	< 5.0
Bromobenzene			< 5.0
Bromodichloromethane			< 5.0
Bromoform			< 5.0
Bromomethane			< 15
Carbon disulfide			< 50
Carbon Tetrachloride	500	10	< 5.0
Chlorobenzene	100000		< 5.0
Chloroethane			< 10
Chloroform	6000	100	< 5.0
Chloromethane			< 15
cis-1,2-DCE			< 5.0
cis-1,3-Dichloropropene			< 5.0
Dibromochloromethane			< 5.0
Dibromomethane			< 5.0
Dichlorodifluoromethane			< 5.0
Ethylbenzene		750	< 5.0
Hexachlorobutadiene	500		< 5.0
Isopropylbenzene			< 5.0
Methyl tert-butyl ether (MTBE)			< 5.0
Methylene Chloride		100	< 15
Naphthalene			< 10
n-Butylbenzene			< 15
n-Propylbenzene			< 5.0

Injection Well

2017 Quarterly Analytical Summary

	Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter
sec-Butylbenzene			< 5.0
Styrene			< 5.0
tert-Butylbenzene			< 5.0
Tetrachloroethene (PCE)		20	< 5.0
Toluene		750	< 5.0
trans-1,2-DCE			< 5.0
trans-1,3-Dichloropropene			< 5.0
Trichloroethene (TCE)		100	< 5.0
Trichlorofluoromethane			< 5.0
Vinyl chloride	200	1	< 5.0
Xylenes, Total		620	16
Semi-Volatile Organic Compounds (ug/L)			
1,2,4-Trichlorobenzene			< 10
1,2-Dichlorobenzene			< 10
1,3-Dichlorobenzene			< 10
1,4-Dichlorobenzene	7500		< 10
1-Methylnaphthalene			< 10
2,4,5-Trichlorophenol			< 10
2,4,6-Trichlorophenol	2000		< 10
2,4-Dichlorophenol			< 20
2,4-Dimethylphenol			< 10
2,4-Dinitrophenol			< 20
2,4-Dinitrotoluene	130		< 10
2,6-Dinitrotoluene			< 10
2-Chloronaphthalene			< 10
2-Chlorophenol			< 10
2-Methylnaphthalene			< 10
2-Methylphenol			< 10
2-Nitroaniline			< 10
2-Nitrophenol			< 10
3,3'-Dichlorobenzidine			< 10
3+4-Methylphenol			< 10
3-Nitroaniline			< 10
4,6-Dinitro-2-methylphenol			< 20
4-Bromophenyl phenyl ether			< 10
4-Chloro-3-methylphenol			< 10
4-Chloroaniline			< 10
4-Chlorophenyl phenyl ether			< 10
4-Nitroaniline			< 10
4-Nitrophenol			< 10
Acenaphthene			< 10
Acenaphthylene			< 10
Aniline			< 10
Anthracene			< 10
Azobenzene			< 10
Benz(a)anthracene			< 10
Benzo(a)pyrene		0.7	< 10
Benzo(b)fluoranthene			< 10
Benzo(g,h,i)perylene			< 10
Benzo(k)fluoranthene			< 10
Benzoic acid			< 20
Benzyl alcohol			< 10
Bis(2-chloroethoxy)methane			< 10
Bis(2-chloroethyl)ether			< 10
Bis(2-chloroisopropyl)ether			< 10

Injection Well 2017 Quarterly Analytical Summary

	Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter
Bis(2-ethylhexyl)phthalate			< 10
Butyl benzyl phthalate			< 10
Carbazole			< 10
Chrysene			< 10
Dibenz(a,h)anthracene			< 10
Dibenzofuran			< 10
Diethyl phthalate			< 10
Dimethyl phthalate			< 10
Di-n-butyl phthalate			< 10
Di-n-octyl phthalate			< 10
Fluoranthene			< 10
Fluorene			< 10
Hexachlorobenzene	130		< 10
Hexachlorobutadiene	500		< 10
Hexachlorocyclopentadiene			< 10
Hexachloroethane	3000		< 10
Indeno(1,2,3-cd)pyrene			< 10
Isophorone			< 10
Naphthalene			< 10
Nitrobenzene	2000		< 10
N-Nitrosodimethylamine			< 10
N-Nitrosodi-n-propylamine			< 10
N-Nitrosodiphenylamine			< 10
Pentachlorophenol	100000		< 20
Phenanthrene			< 10
Phenol		5	< 10
Pyrene			< 10
Pyridine	5000		< 10
General Chemistry (mg/L unless otherwise stated)			
Specific Conductance (umhos/cm)			2200
Bromide			1.7
Chloride		250 *	410
Fluoride			<0.050
Nitrate + Nitrite as N			<1.0
Phosphorus, Orthophosphate (As P)			< 2.5
Sulfate		600 *	59
Total Dissolved Solids		10000	1470
pH (pH Units)			7.32
Bicarbonate (As CaCO3)			415
Carbonate (As CaCO3)			<2.0
Total Alkalinity (as CaCO3)			415
Oxidation-Reduction Potential (mV)			184
Specific Gravity			0.9991
Total Metals (mg/L)			
Arsenic	5.0		< 0.020
Barium	100.0		0.34
Cadmium	1.0		< 0.0020
Calcium			100
Chromium	5.0		< 0.0060
Lead	5.0		< 0.0050
Magnesium			26
Potassium			8.4
Selenium	1.0		< 0.050
Silver	5.0		< 0.0050
Sodium			340
Mercury	0.2	0.002	<0.00020
Dissolved Metals (mg/L)			
Calcium		0.01	100
Magnesium			26
Potassium			8.1

Injection Well **2017 Quarterly Analytical Summary**

	Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter
Sodium			330
Ignitability, Corrosivity, and Reactivity			
Reactive Cyanide (mg/L)			<0.0500
Reactive Sulfide (mg/L)			<20
Ignitability (° F)	< 140° F		<30
Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	7.32

Notes:

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



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

April 17, 2017

Kelly Robinson

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX

RE: WDW 2 3-31-17

OrderNo.: 1704017

Dear Kelly Robinson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/1/2017 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 qualifers 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1704017

Date Reported: 4/17/2017

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: WDW 2 3-31-17

Collection Date: 3/31/2017 7:30:00 AM

Lab ID: 1704017-001

Matrix: AQUEOUS

Received Date: 4/1/2017 11:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
SPECIFIC GRAVITY							Analyst: LGT
Specific Gravity	0.9991		0		1	4/5/2017 4:15:00 PM	R41912
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	ND	0.50		mg/L	5	4/5/2017 3:48:31 AM	R41868
Chloride	410	25	*	mg/L	50	4/7/2017 3:26:42 AM	A41955
Bromide	1.7	0.50		mg/L	5	4/5/2017 3:48:31 AM	R41868
Phosphorus, Orthophosphate (As P)	ND	2.5	H	mg/L	5	4/5/2017 3:48:31 AM	R41868
Sulfate	59	2.5		mg/L	5	4/5/2017 3:48:31 AM	R41868
Nitrate+Nitrite as N	ND	1.0		mg/L	5	4/5/2017 4:25:46 AM	R41868
SM2510B: SPECIFIC CONDUCTANCE							Analyst: MRA
Conductivity	2200	1.0		µmhos/cm	1	4/11/2017 2:24:41 PM	R42064
SM2320B: ALKALINITY							Analyst: MRA
Bicarbonate (As CaCO3)	415.0	20.00		mg/L CaCO3	1	4/11/2017 2:24:41 PM	R42064
Carbonate (As CaCO3)	ND	2.000		mg/L CaCO3	1	4/11/2017 2:24:41 PM	R42064
Total Alkalinity (as CaCO3)	415.0	20.00		mg/L CaCO3	1	4/11/2017 2:24:41 PM	R42064
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	1470	100	*D	mg/L	1	4/8/2017 1:38:00 PM	31115
EPA METHOD 7470: MERCURY							Analyst: MED
Mercury	ND	0.00020		mg/L	1	4/5/2017 10:17:21 AM	31063
EPA METHOD 6010B: DISSOLVED METALS							Analyst: MED
Calcium	100	5.0		mg/L	5	4/5/2017 11:02:31 AM	A41903
Magnesium	26	1.0		mg/L	1	4/5/2017 10:57:43 AM	A41903
Potassium	8.1	1.0		mg/L	1	4/5/2017 10:57:43 AM	A41903
Sodium	330	5.0		mg/L	5	4/5/2017 11:02:31 AM	A41903
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: MED
Arsenic	ND	0.020		mg/L	1	4/5/2017 10:34:53 AM	31057
Barium	0.34	0.020		mg/L	1	4/5/2017 10:34:53 AM	31057
Cadmium	ND	0.0020		mg/L	1	4/5/2017 10:34:53 AM	31057
Calcium	100	5.0		mg/L	5	4/5/2017 11:11:34 AM	31057
Chromium	ND	0.0060		mg/L	1	4/5/2017 10:34:53 AM	31057
Lead	ND	0.0050		mg/L	1	4/5/2017 10:34:53 AM	31057
Magnesium	26	1.0		mg/L	1	4/5/2017 10:34:53 AM	31057
Potassium	8.4	1.0		mg/L	1	4/5/2017 10:34:53 AM	31057
Selenium	ND	0.050		mg/L	1	4/5/2017 10:34:53 AM	31057
Silver	ND	0.0050		mg/L	1	4/5/2017 10:34:53 AM	31057
Sodium	340	5.0		mg/L	5	4/5/2017 11:11:34 AM	31057

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 Value above quantitation range
	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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1704017

Date Reported: 4/17/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: WDW 2 3-31-17

Collection Date: 3/31/2017 7:30:00 AM

Lab ID: 1704017-001

Matrix: AQUEOUS

Received Date: 4/1/2017 11:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
Acenaphthene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Acenaphthylene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Aniline	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Anthracene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Azobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benz(a)anthracene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzo(a)pyrene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzo(b)fluoranthene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzo(k)fluoranthene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzoic acid	ND	20		µg/L	1	4/14/2017 5:19:57 PM	31059
Benzyl alcohol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Butyl benzyl phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Carbazole	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Chloroaniline	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Chloronaphthalene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Chlorophenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Chrysene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Di-n-butyl phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Di-n-octyl phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Dibenzofuran	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
1,2-Dichlorobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
1,3-Dichlorobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
1,4-Dichlorobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Diethyl phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Dimethyl phthalate	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2,4-Dichlorophenol	ND	20		µg/L	1	4/14/2017 5:19:57 PM	31059
2,4-Dimethylphenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/14/2017 5:19:57 PM	31059
2,4-Dinitrophenol	ND	20		µg/L	1	4/14/2017 5:19:57 PM	31059

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	Value above quantitation range
	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
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1704017

Date Reported: 4/17/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: WDW 2 3-31-17

Collection Date: 3/31/2017 7:30:00 AM

Lab ID: 1704017-001

Matrix: AQUEOUS

Received Date: 4/1/2017 11:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C: SEMIVOLATILES							Analyst: DAM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2,6-Dinitrotoluene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Fluoranthene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Fluorene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Hexachlorobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Hexachlorobutadiene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Hexachloroethane	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Isophorone	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
1-Methylnaphthalene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Methylnaphthalene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Methylphenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
3+4-Methylphenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
N-Nitrosodimethylamine	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Naphthalene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Nitroaniline	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
3-Nitroaniline	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Nitroaniline	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Nitrobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2-Nitrophenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
4-Nitrophenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Pentachlorophenol	ND	20		µg/L	1	4/14/2017 5:19:57 PM	31059
Phenanthrene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Phenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Pyrene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Pyridine	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/14/2017 5:19:57 PM	31059
Surr: 2-Fluorophenol	29.5	15-98.1		%Rec	1	4/14/2017 5:19:57 PM	31059
Surr: Phenol-d5	24.3	15-80.7		%Rec	1	4/14/2017 5:19:57 PM	31059
Surr: 2,4,6-Tribromophenol	39.6	15-112		%Rec	1	4/14/2017 5:19:57 PM	31059
Surr: Nitrobenzene-d5	62.8	27.2-90.7		%Rec	1	4/14/2017 5:19:57 PM	31059
Surr: 2-Fluorobiphenyl	47.4	23.3-85.6		%Rec	1	4/14/2017 5:19:57 PM	31059
Surr: 4-Terphenyl-d14	36.6	27.6-107		%Rec	1	4/14/2017 5:19:57 PM	31059

EPA METHOD 8260B: VOLATILESAnalyst: **rde**

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	Value above quantitation range
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	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1704017

Date Reported: 4/17/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: WDW 2 3-31-17

Collection Date: 3/31/2017 7:30:00 AM

Lab ID: 1704017-001

Matrix: AQUEOUS

Received Date: 4/1/2017 11:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
Benzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Toluene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Ethylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Methyl tert-butyl ether (MTBE)	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2,4-Trimethylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,3,5-Trimethylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2-Dichloroethane (EDC)	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2-Dibromoethane (EDB)	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Naphthalene	ND	10	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1-Methylnaphthalene	ND	20	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
2-Methylnaphthalene	ND	20	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Acetone	860	50	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Bromobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Bromodichloromethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Bromoform	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Bromomethane	ND	15	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
2-Butanone	60	50	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Carbon disulfide	ND	50	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Carbon Tetrachloride	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Chlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Chloroethane	ND	10	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Chloroform	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Chloromethane	ND	15	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
2-Chlorotoluene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
4-Chlorotoluene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
cis-1,2-DCE	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
cis-1,3-Dichloropropene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2-Dibromo-3-chloropropane	ND	20	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Dibromochloromethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Dibromomethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2-Dichlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,3-Dichlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,4-Dichlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Dichlorodifluoromethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1-Dichloroethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1-Dichloroethene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2-Dichloropropane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,3-Dichloropropane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
2,2-Dichloropropane	ND	10	D	µg/L	10	4/3/2017 11:35:00 PM	R41854

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 Value above quantitation range
	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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: WDW 2 3-31-17

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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: rde
1,1-Dichloropropene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Hexachlorobutadiene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
2-Hexanone	ND	50	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Isopropylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
4-Isopropyltoluene	190	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
4-Methyl-2-pentanone	ND	50	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Methylene Chloride	ND	15	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
n-Butylbenzene	ND	15	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
n-Propylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
sec-Butylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Styrene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
tert-Butylbenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1,1,2-Tetrachloroethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1,2,2-Tetrachloroethane	ND	10	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Tetrachloroethene (PCE)	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
trans-1,2-DCE	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
trans-1,3-Dichloropropene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2,3-Trichlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2,4-Trichlorobenzene	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1,1-Trichloroethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,1,2-Trichloroethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Trichloroethene (TCE)	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Trichlorofluoromethane	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
1,2,3-Trichloropropane	ND	10	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Vinyl chloride	ND	5.0	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Xylenes, Total	16	7.5	D	µg/L	10	4/3/2017 11:35:00 PM	R41854
Surr: 1,2-Dichloroethane-d4	86.3	70-130	D	%Rec	10	4/3/2017 11:35:00 PM	R41854
Surr: 4-Bromofluorobenzene	105	70-130	D	%Rec	10	4/3/2017 11:35:00 PM	R41854
Surr: Dibromofluoromethane	103	70-130	D	%Rec	10	4/3/2017 11:35:00 PM	R41854
Surr: Toluene-d8	97.8	70-130	D	%Rec	10	4/3/2017 11:35:00 PM	R41854

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 Value above quantitation range
	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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



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Cheyenne, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B17040170-001
Client Sample ID: 1704017-001F,G Injection Well

Report Date: 04/14/17
Collection Date: 03/31/17 07:30
Date Received: 04/04/17
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Oxidation-Reduction Potential	184	mV	H			A2580 B	04/12/17 14:52 / dah
IGNITABILITY							
Flash Point (Ignitability)	>200	°F		30		SW1010A	04/14/17 08:44 / dah
CORROSIVITY							
pH	7.32	s.u.		0.10		SW9040C	04/10/17 13:14 / dah
REACTIVITY							
Cyanide, Reactive	ND	mg/kg		0.05	250	SW846 Ch 7	04/13/17 12:25 / mas
Sulfide, Reactive	ND	mg/kg		20	500	SW846 Ch 7	04/11/17 09:00 / dah

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Report Date: 04/14/17

Project: Not Indicated

Work Order: B17040170

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2580 B									Batch: R277927	
Lab ID: B17040170-001ADUP	Sample Duplicate					Run: ORION 720A HZW_170412A			04/12/17 14:52	
Oxidation-Reduction Potential		187	mV					1.5	20	
Lab ID: LCS2									04/12/17 14:52	
Laboratory Control Sample						Run: ORION 720A HZW_170412A				
Oxidation-Reduction Potential		300	mV		100	97	103			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Report Date: 04/14/17

Project: Not Indicated

Work Order: B17040170

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW1010A									Batch: R278069	
Lab ID: B17040539-008ADUP		Sample Duplicate			Run: PENSKE MARTEN CLOSED				04/14/17 08:44	
Flash Point (Ignitability)		77	°F	30				5.3	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



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Butte, MT 866.686.7175 • Helena, MT 877.472.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 04/14/17

Work Order: B17040170

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW846 Ch 7										Batch: 107762
Lab ID: MB-107762		Method Blank					Run: FIA202-B_170413A			04/13/17 12:24
Cyanide, Reactive		ND	mg/kg	0.05						
Lab ID: B17040591-001DMS		Sample Matrix Spike					Run: FIA202-B_170413A			04/13/17 12:30
Cyanide, Reactive		0.87	mg/kg	0.050	87	80	120			
Lab ID: B17040591-001DMSD		Sample Matrix Spike Duplicate					Run: FIA202-B_170413A			04/13/17 12:31
Cyanide, Reactive		0.87	mg/kg	0.050	87	80	120	0.0	10	
Method: SW846 Ch 7										Batch: 107762
Lab ID: MB-107762		Method Blank					Run: REACTIVE SULFIDE/CYANID			03/24/17 09:40
Sulfide, Reactive		ND	mg/kg	10						
Lab ID: LCS-107762		Laboratory Control Sample					Run: REACTIVE SULFIDE/CYANID			03/24/17 09:40
Sulfide, Reactive		12	mg/kg	20	107	70	130			
Lab ID: B17031461-001BDUP		Sample Duplicate					Run: REACTIVE SULFIDE/CYANID			03/24/17 09:40
Sulfide, Reactive		ND	mg/kg	20						10
Method: SW846 Ch 7										Batch: 107762
Lab ID: MB-107762		Method Blank					Run: REACTIVE SULFIDE/CYANID			04/11/17 09:00
Sulfide, Reactive		ND	mg/kg	10						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



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Gibbsville: WY 888.686.7175 • Helena: MT 877.472.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Report Date: 04/14/17

Project: Not Indicated

Work Order: B17040170

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	SW9040C							Analytical Run: ORION 720A HZW_170410B		
Lab ID:	ICV	Initial Calibration Verification Standard								04/10/17 13:14
pH		7.99	s.u.	0.10	100	98	102			
Method:	SW9040C							Batch: R277781		
Lab ID:	B17040170-001ADUP	Sample Duplicate				Run: ORION 720A HZW_170410B			04/10/17 13:14	
pH		7.38	s.u.	0.10				0.8	3	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	MB	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	R41868	RunNo:	41868					
Prep Date:		Analysis Date:	4/4/2017	SeqNo:	1315703	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID	LCS	SampType:	ics	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSW	Batch ID:	R41868	RunNo:	41868					
Prep Date:		Analysis Date:	4/4/2017	SeqNo:	1315704	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.51	0.10	0.5000	0	102	90	110			
Bromide	2.4	0.10	2.500	0	95.4	90	110			
Phosphorus, Orthophosphate (As P	5.0	0.50	5.000	0	99.6	90	110			
Sulfate	9.6	0.50	10.00	0	96.2	90	110			
Nitrate+Nitrite as N	3.4	0.20	3.500	0	97.4	90	110			

Sample ID	MB	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	A41955	RunNo:	41955					
Prep Date:		Analysis Date:	4/6/2017	SeqNo:	1317699	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:	ics	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSW	Batch ID:	A41955	RunNo:	41955					
Prep Date:		Analysis Date:	4/6/2017	SeqNo:	1317700	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	98.9	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	LCSW	Batch ID:	R41854	RunNo:	41854					
Prep Date:		Analysis Date:	4/3/2017	SeqNo:	1313978	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	109	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	22	1.0	20.00	0	108	70	130			
1,1-Dichloroethene	23	1.0	20.00	0	116	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	8.5		10.00		85.1	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.7		10.00		97.3	70	130			

Sample ID	vsb deli	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: R41854			RunNo: 41854					
Prep Date:		Analysis Date: 4/3/2017			SeqNo: 1313980		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

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
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	vsb deli	SampType:	MBLK	TestCode:	EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID:	R41854	RunNo:	41854					
Prep Date:		Analysis Date:	4/3/2017	SeqNo:	1313980	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

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
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	vsb deli	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES					
Client ID:	PBW	Batch ID: R41854			RunNo: 41854					
Prep Date:		Analysis Date: 4/3/2017			SeqNo: 1313980		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.4		10.00		84.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	9.8		10.00		98.1	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	1704017-001bms	SampType:	MS	TestCode:	EPA Method 8270C: Semivolatiles					
Client ID:	Injection Well	Batch ID:	31059	RunNo:	42041					
Prep Date:	4/4/2017	Analysis Date:	4/6/2017	SeqNo:	1320412	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	51	10	100.0	0	50.9	18.1	108			
4-Chloro-3-methylphenol	120	10	200.0	0	59.9	15	111			
2-Chlorophenol	120	10	200.0	0	61.4	15	113			
1,4-Dichlorobenzene	34	10	100.0	0	33.5	21	81.3			
2,4-Dinitrotoluene	49	10	100.0	0	49.0	27.4	101			
N-Nitrosodi-n-propylamine	64	10	100.0	13.82	49.8	24.9	107			
4-Nitrophenol	67	10	200.0	0	33.4	15	62.2			
Pentachlorophenol	87	20	200.0	0	43.6	15	96.9			
Phenol	81	10	200.0	3.520	38.6	15	64.7			
Pyrene	51	10	100.0	0	51.4	29.2	111			
1,2,4-Trichlorobenzene	38	10	100.0	0	37.6	22.9	94.8			
Surr: 2-Fluorophenol	90		200.0		45.2	15	98.1			
Surr: Phenol-d5	65		200.0		32.7	15	80.7			
Surr: 2,4,6-Tribromophenol	100		200.0		51.5	15	112			
Surr: Nitrobenzene-d5	59		100.0		59.3	27.2	90.7			
Surr: 2-Fluorobiphenyl	50		100.0		50.3	23.3	85.6			
Surr: 4-Terphenyl-d14	43		100.0		42.9	27.6	107			

Sample ID	1704017-001bmsd	SampType:	MSD	TestCode:	EPA Method 8270C: Semivolatiles					
Client ID:	Injection Well	Batch ID:	31059	RunNo:	42041					
Prep Date:	4/4/2017	Analysis Date:	4/6/2017	SeqNo:	1320413	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	40	10	100.0	0	40.2	18.1	108	23.6	30.5	
4-Chloro-3-methylphenol	98	10	200.0	0	49.0	15	111	19.9	50	
2-Chlorophenol	93	10	200.0	0	46.4	15	113	27.9	36.3	
1,4-Dichlorobenzene	25	10	100.0	0	24.6	21	81.3	30.7	42.1	
2,4-Dinitrotoluene	41	10	100.0	0	40.8	27.4	101	18.2	28.5	
N-Nitrosodi-n-propylamine	52	10	100.0	13.82	38.5	24.9	107	19.4	25.4	
4-Nitrophenol	50	10	200.0	0	25.2	15	62.2	28.1	50	
Pentachlorophenol	72	20	200.0	0	36.1	15	96.9	18.8	50	
Phenol	58	10	200.0	3.520	27.1	15	64.7	33.4	46.1	
Pyrene	45	10	100.0	0	44.7	29.2	111	14.0	34.3	
1,2,4-Trichlorobenzene	29	10	100.0	0	28.9	22.9	94.8	26.0	43.6	
Surr: 2-Fluorophenol	63		200.0		31.7	15	98.1	0	0	
Surr: Phenol-d5	49		200.0		24.4	15	80.7	0	0	
Surr: 2,4,6-Tribromophenol	89		200.0		44.7	15	112	0	0	
Surr: Nitrobenzene-d5	46		100.0		45.7	27.2	90.7	0	0	
Surr: 2-Fluorobiphenyl	42		100.0		41.9	23.3	85.6	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
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	1704017-001bmsd	SampType:	MSD	TestCode:	EPA Method 8270C: Semivolatiles					
Client ID:	Injection Well	Batch ID:	31059	RunNo:	42041					
Prep Date:	4/4/2017	Analysis Date:	4/6/2017	SeqNo:	1320413	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	35		100.0		35.2	27.6	107	0	0	

Sample ID	ics-31059	SampType: LCS			TestCode: EPA Method 8270C: Semivolatiles					
Client ID:	LCSW	Batch ID: 31059			RunNo: 42041					
Prep Date:	4/4/2017	Analysis Date: 4/6/2017			SeqNo: 1320415		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	65	10	100.0	0	64.6	42.9	100			
4-Chloro-3-methylphenol	160	10	200.0	0	78.9	36.2	110			
2-Chlorophenol	150	10	200.0	0	74.7	33.4	97.8			
1,4-Dichlorobenzene	58	10	100.0	0	57.6	32.8	79.3			
2,4-Dinitrotoluene	63	10	100.0	0	63.0	34.9	107			
N-Nitrosodi-n-propylamine	83	10	100.0	0	82.8	30.7	111			
4-Nitrophenol	95	10	200.0	0	47.4	15	91.9			
Pentachlorophenol	120	20	200.0	0	58.6	33.3	93.5			
Phenol	110	10	200.0	0	56.0	20.9	86.4			
Pyrene	73	10	100.0	0	73.3	45.6	111			
1,2,4-Trichlorobenzene	60	10	100.0	0	59.9	38.7	88.2			
Surr: 2-Fluorophenol	130		200.0		63.8	15	98.1			
Surr: Phenol-d5	110		200.0		56.2	15	80.7			
Surr: 2,4,6-Tribromophenol	150		200.0		74.8	15	112			
Surr: Nitrobenzene-d5	73		100.0		73.1	27.2	90.7			
Surr: 2-Fluorobiphenyl	69		100.0		68.7	23.3	85.6			
Surr: 4-Terphenyl-d14	64		100.0		63.6	27.6	107			

Sample ID	mb-31059	SampType: MBLK		TestCode: EPA Method 8270C: Semivolatiles						
Client ID:	PBW	Batch ID: 31059		RunNo: 42041						
Prep Date:	4/4/2017	Analysis Date: 4/6/2017		SeqNo: 1320416			Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	ND	10								
Acenaphthylene	ND	10								
Aniline	ND	10								
Anthracene	ND	10								
Azobenzene	ND	10								
Benz(a)anthracene	ND	10								
Benzo(a)pyrene	ND	10								
Benzo(b)fluoranthene	ND	10								
Benzo(g,h,i)perylene	ND	10								
Benzo(k)fluoranthene	ND	10								

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	mb-31059	SampType:	MBLK	TestCode:	EPA Method 8270C: Semivolatiles					
Client ID:	PBW	Batch ID:	31059	RunNo:	42041					
Prep Date:	4/4/2017	Analysis Date:	4/6/2017	SeqNo:	1320416	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzoic acid	ND	20								
Benzyl alcohol	ND	10								
Bis(2-chloroethoxy)methane	ND	10								
Bis(2-chloroethyl)ether	ND	10								
Bis(2-chloroisopropyl)ether	ND	10								
Bis(2-ethylhexyl)phthalate	ND	10								
4-Bromophenyl phenyl ether	ND	10								
Butyl benzyl phthalate	ND	10								
Carbazole	ND	10								
4-Chloro-3-methylphenol	ND	10								
4-Chloroaniline	ND	10								
2-Chloronaphthalene	ND	10								
2-Chlorophenol	ND	10								
4-Chlorophenyl phenyl ether	ND	10								
Chrysene	ND	10								
Di-n-butyl phthalate	ND	10								
Di-n-octyl phthalate	ND	10								
Dibenz(a,h)anthracene	ND	10								
Dibenzofuran	ND	10								
1,2-Dichlorobenzene	ND	10								
1,3-Dichlorobenzene	ND	10								
1,4-Dichlorobenzene	ND	10								
3,3'-Dichlorobenzidine	ND	10								
Diethyl phthalate	ND	10								
Dimethyl phthalate	ND	10								
2,4-Dichlorophenol	ND	20								
2,4-Dimethylphenol	ND	10								
4,6-Dinitro-2-methylphenol	ND	20								
2,4-Dinitrophenol	ND	20								
2,4-Dinitrotoluene	ND	10								
2,6-Dinitrotoluene	ND	10								
Fluoranthene	ND	10								
Fluorene	ND	10								
Hexachlorobenzene	ND	10								
Hexachlorobutadiene	ND	10								
Hexachlorocyclopentadiene	ND	10								
Hexachloroethane	ND	10								
Indeno(1,2,3-cd)pyrene	ND	10								
Isophorone	ND	10								

Qualifiers:

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- B Analyte detected in the associated Method Blank
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- P Sample pH Not In Range
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	mb-31059	SampType:	MBLK	TestCode:	EPA Method 8270C: Semivolatiles					
Client ID:	PBW	Batch ID:	31059	RunNo:	42041					
Prep Date:	4/4/2017	Analysis Date:	4/6/2017	SeqNo:	1320416	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	10								
2-Methylnaphthalene	ND	10								
2-Methylphenol	ND	10								
3+4-Methylphenol	ND	10								
N-Nitrosodi-n-propylamine	ND	10								
N-Nitrosodimethylamine	ND	10								
N-Nitrosodiphenylamine	ND	10								
Naphthalene	ND	10								
2-Nitroaniline	ND	10								
3-Nitroaniline	ND	10								
4-Nitroaniline	ND	10								
Nitrobenzene	ND	10								
2-Nitrophenol	ND	10								
4-Nitrophenol	ND	10								
Pentachlorophenol	ND	20								
Phenanthrene	ND	10								
Phenol	ND	10								
Pyrene	ND	10								
Pyridine	ND	10								
1,2,4-Trichlorobenzene	ND	10								
2,4,5-Trichlorophenol	ND	10								
2,4,6-Trichlorophenol	ND	10								
Surr: 2-Fluorophenol	130		200.0		64.7	15	98.1			
Surr: Phenol-d5	92		200.0		45.9	15	80.7			
Surr: 2,4,6-Tribromophenol	160		200.0		80.0	15	112			
Surr: Nitrobenzene-d5	86		100.0		86.4	27.2	90.7			
Surr: 2-Fluorobiphenyl	74		100.0		73.9	23.3	85.6			
Surr: 4-Terphenyl-d14	68		100.0		67.7	27.6	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
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	MB-31063	SampType:	MBLK	TestCode:	EPA Method 7470: Mercury					
Client ID:	PBW	Batch ID:	31063	RunNo:	41900					
Prep Date:	4/4/2017	Analysis Date:	4/5/2017	SeqNo:	1316028	Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	LCS-31063	SampType:	LCS	TestCode:	EPA Method 7470: Mercury					
Client ID:	LCSW	Batch ID:	31063	RunNo:	41900					
Prep Date:	4/4/2017	Analysis Date:	4/5/2017	SeqNo:	1316029	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	97.2	80	120			

Sample ID	1704017-001EMS			SampType:	MS		TestCode:	EPA Method 7470: Mercury			
Client ID:	Injection Well			Batch ID:	31063		RunNo:	41900			
Prep Date:	4/4/2017			Analysis Date:	4/5/2017		SeqNo:	1316034		Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Mercury	0.0051	0.00020	0.005000	.00007989	101	75	125				

Sample ID	1704017-001EMSD			SampType:	MSD		TestCode:	EPA Method 7470: Mercury			
Client ID:	Injection Well		Batch ID:	31063		RunNo:	41900				
Prep Date:	4/4/2017		Analysis Date:	4/5/2017		SeqNo:	1316035		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Mercury	0.0053	0.00020	0.005000	.00007989	104	75	125	2.91	20		

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	MB-A	SampType:	MBLK	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	PBW	Batch ID:	A41903	RunNo:	41903					
Prep Date:		Analysis Date:	4/5/2017	SeqNo:	1316139	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:	A41903	RunNo:	41903					
Prep Date:		Analysis Date:	4/5/2017	SeqNo:	1316140	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	51	1.0	50.00	0	103	80	120			
Magnesium	51	1.0	50.00	0	101	80	120			
Potassium	49	1.0	50.00	0	98.6	80	120			
Sodium	50	1.0	50.00	0	99.3	80	120			

Sample ID	1704017-001DMS	SampType:	MS	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	Injection Well	Batch ID:	A41903	RunNo:	41903					
Prep Date:		Analysis Date:	4/5/2017	SeqNo:	1316151	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	75	1.0	50.00	25.63	99.6	75	125			
Potassium	57	1.0	50.00	8.072	97.1	75	125			

Sample ID	1704017-001DMSD	SampType:	MSD	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	Injection Well	Batch ID:	A41903	RunNo:	41903					
Prep Date:		Analysis Date:	4/5/2017	SeqNo:	1316152	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	76	1.0	50.00	25.63	101	75	125	1.17	20	
Potassium	57	1.0	50.00	8.072	98.2	75	125	0.937	20	

Sample ID	1704017-001DMS	SampType:	MS	TestCode:	EPA Method 6010B: Dissolved Metals					
Client ID:	Injection Well	Batch ID:	A41903	RunNo:	41903					
Prep Date:		Analysis Date:	4/5/2017	SeqNo:	1316154	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	360	5.0	250.0	102.6	102	75	125			

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
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	1704017-001DMSD			SampType:	MSD		TestCode:	EPA Method 6010B: Dissolved Metals			
Client ID:	Injection Well			Batch ID:	A41903		RunNo:	41903			
Prep Date:				Analysis Date:	4/5/2017		SeqNo:	1316155		Units:	mg/L
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Calcium	360	5.0	250.0	102.6	102	75	125	0.0602	20		

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	MB-31057		SampType:	MBLK		TestCode:	EPA 6010B: Total Recoverable Metals			
Client ID:	PBW		Batch ID:	31057		RunNo:	41903			
Prep Date:	4/4/2017		Analysis Date:	4/5/2017		SeqNo:	1316127	Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.0050								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Selenium	ND	0.050								
Silver	ND	0.0050								
Sodium	ND	1.0								

Sample ID	LCS-31057		SampType:	LCS		TestCode:	EPA 6010B: Total Recoverable Metals			
Client ID:	LCSW		Batch ID:	31057		RunNo:	41903			
Prep Date:	4/4/2017		Analysis Date:	4/5/2017		SeqNo:	1316168	Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	1.0	0.040	1.000	0	102	80	120			
Barium	0.98	0.040	1.000	0	98.2	80	120			
Cadmium	0.98	0.0040	1.000	0	98.1	80	120			
Calcium	100	2.0	100.0	0	103	80	120			
Chromium	0.98	0.012	1.000	0	98.2	80	120			
Lead	0.99	0.010	1.000	0	98.9	80	120			
Magnesium	100	2.0	100.0	0	101	80	120			
Potassium	98	2.0	100.0	0	97.6	80	120			
Selenium	1.0	0.10	1.000	0	102	80	120			
Silver	0.20	0.010	0.2000	0	99.9	80	120			
Sodium	99	2.0	100.0	0	99.1	80	120			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	mb-1	SampType:	mbk		TestCode:	SM2320B: Alkalinity				
Client ID:	PBW	Batch ID:	R42064		RunNo:	42064				
Prep Date:		Analysis Date:	4/11/2017		SeqNo:	1321188	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 DOC-1 alk MR				SampType:	lcs					TestCode:	SM2320B: Alkalinity				
Client ID:	LCSW		Batch ID:		R42064		RunNo:		42064							
Prep Date:			Analysis Date:		4/11/2017		SeqNo:		1321189		Units: mg/L CaCO3					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual						
Total Alkalinity (as CaCO3)	80.08	20.00	80.00	0	100	90	110									

Sample ID	DOC-2 alk MRA	SampType:	lcs	TestCode:	SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID:	R42064	RunNo:	42064					
Prep Date:		Analysis Date:	4/11/2017	SeqNo:	1321190	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.76	20.00	80.00	0	101	90	110			

Sample ID	DOC-3 alk MRA	SampType:	lcs	TestCode:	SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID:	R42064	RunNo:	42064					
Prep Date:		Analysis Date:	4/11/2017	SeqNo:	1321191	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.60	20.00	80.00	0	101	90	110			

Sample ID	DOC-4 alk MRA	SampType:	lcs	TestCode:	SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID:	R42064	RunNo:	42064					
Prep Date:		Analysis Date:	4/11/2017	SeqNo:	1321192	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.92	20.00	80.00	0	101	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704017

17-Apr-17

Client: Western Refining Southwest, Inc.

Project: WDW 2 3-31-17

Sample ID	MB-31115	SampType:	MBLK	TestCode:	SM2540C MOD: Total Dissolved Solids
Client ID:	PBW	Batch ID:	31115	RunNo:	41978
Prep Date:	4/6/2017	Analysis Date:	4/8/2017	SeqNo:	1318207 Units: mg/L
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	ND	20.0			

Sample ID	LCS-31115	SampType:	LCS	TestCode:	SM2540C MOD: Total Dissolved Solids
Client ID:	LCSW	Batch ID:	31115	RunNo:	41978
Prep Date:	4/6/2017	Analysis Date:	4/8/2017	SeqNo:	1318208 Units: mg/L
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	1030	20.0	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
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified



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 Southw

Work Order Number: 1704017

RcptNo: 1

Received By: Lindsay Mangin

4/1/2017 11:30:00 AM

Completed By: Anne Thorne

4/3/2017 12:10:08 PM

Reviewed By: ISO

4/3/17

[Signature]

[Signature]

Chain of Custody

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

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☒ No ☒ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. 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 (2) unless noted
Adjusted?
Checked by: A-04/03/17

Special Handling (if applicable)

16. 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:	_____		

17. Additional remarks:

18. Cooler Information

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

Chain-of-Custody Record

Client: Western Refining

Mailing Address: 50 CR4990

Bloomfield, NM 87413

Phone #: 505-632-4169

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Project Manager:

Kelly Robinson

Sampler: Matt Krahn

Sampled on 3/17/2006

170-1017

Container Type and #

Preservative Type

3-500m Poly Cold

1-500m Poly NaOH

1-500m Poly ZnAcetate

3-VOA's HCL

2-1ltr Amb Cold

1-500m Poly Nitric

1-125 Poly HNO3

1-125 Poly H2SO4

Date: 3/17/2006

Time: 1206

Relinquished by: Matt Krahn

Date: 3/17/2006

Time: 1800

Relinquished by: Matt Krahn

Date: 3/17/2006

Time: 1800

Received by: Matt Krahn

Date: 3/17/2006

Time: 1200

Received by: Matt Krahn

Date: 3/17/2006

Time: 1130

Received by: Matt Krahn

Date: 3/17/2006

Remarks:

see attached list

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

WDW#2 3-31-17

Project #:

P0# 12619031-2

Project Manager:

Kelly Robinson

Sampler: Matt Krahn

Sampled on 3/17/2006

170-1017

Container Type and #

Preservative Type

3-500m Poly Cold

1-500m Poly NaOH

1-500m Poly ZnAcetate

3-VOA's HCL

2-1ltr Amb Cold

1-500m Poly Nitric

1-125 Poly HNO3

1-125 Poly H2SO4

Analysis Request

BTEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gas only)

TPH 8015B (GRO / DRO / MRO)

TPH (Method 418.1)

EDB (Method 504.1)

PAH's (8310 or 8270 SIMS)

RCRA 8 Metals

Anions (F, Cl, NO3, NO2, PO4, SO4)

8081 Pesticides / 8082 PCB's

8260B (VOA)

8270 (Semi-VOA)

Air Bubbles (Y or N)



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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.

immediately or within a specified time period, or assess a civil penalty, or both (see Section 74-6-10 NMSA 1978). The compliance order may also include a suspension or termination of this Discharge Permit. OCD may also commence a civil action in district court for appropriate relief, including injunctive relief (see Section 74-6-10(A)(2) NMSA 1978). The Permittee may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in a renewal application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a Discharge Permit issued pursuant to a state or federal law or regulation (see Section 74-6-10.2 NMSA 1978).

2. GENERAL FACILITY OPERATIONS:

2.A. QUARTERLY MONITORING REQUIREMENTS FOR CLASS I NON-HAZARDOUS WASTE INJECTION WELL: The Permittee shall properly conduct waste management injection operations at its facility by injecting only non-hazardous (RCRA exempt and RCRA non-hazardous, non-exempt) oil field waste fluids. Injected waste fluids shall not exhibit the RCRA characteristics, i.e., ignitability, reactivity, corrosivity, or toxicity under 40 CFR 261 Subpart "C" 261.21 - 261.24 (July 1, 1992), at the point of injection into WDW-2, based upon environmental analytical laboratory testing. Pursuant to 20.6.2.5207B, the Permittee shall provide analyses of the injected fluids at least quarterly to yield data representative of their toxicity characteristic.

The Permittee shall also analyze the injected fluids quarterly for the following characteristics:

- OKP
- pH (Method 9040); 9040C Billings
 - Eh;
 - Specific conductance;
 - Specific gravity;
 - Temperature;
 - Major dissolved cations and anions, including: fluoride, calcium, potassium, magnesium, sodium bicarbonate, carbonate, chloride, sulfate, bromide, total dissolved solids, and cation/anion balance using the methods specified in 40 CFR 136.3; and,
 - EPA RCRA Characteristics for Ignitability (ASTM Methods); Corrosivity (SW-846) and Reactivity (determined through Permittee's application of knowledge or generating process).

The Permittee shall analyze the injected fluids quarterly for the constituents identified in the Quarterly Monitoring List (below) to demonstrate that the injected fluids do not exhibit the characteristic of toxicity using the Toxicity Characteristic Leaching Procedure, EPA SW-846 Test Method 1311 (see Table 1, 40 CFR 261.24(b)).

QUARTERLY MONITORING LIST			
EPA HW No.	Contaminant	SW-846 Methods	Regulatory Level (mg/L)
D004	Arsenic	1311	5.0
D005	Barium	1311	100.0
D018	Benzene	8021B	0.5
D006	Cadmium	1311	1.0
D019	Carbon tetrachloride	8021B 8260B	0.5
D020	Chlordane	8081A	0.03
D021	Chlorobenzene	8021B 8260B	100.0
D022	Chloroform	8021B 8260B	6.0
D007	Chromium	1311	5.0
D023	o-Cresol	8270D	200.0
D024	m-Cresol	8270D	200.0
D025	p-Cresol	8270D	200.0
D026	Cresol	8270D	200.0
D027	1,4-Dichlorobenzene	8021B 8121 8260B 8270D	7.5
D028	1,2-Dichloroethane	8021B 8260B	0.5
D029	1,1-Dichloroethylene	8021B 8260B	0.7
D030	2,4-Dinitrotoluene	8091 8270D	0.13
D032	Hexachlorobenzene	8121	0.13
D033	Hexachlorobutadiene	8021B 8121 8260B	0.5
D034	Hexachloroethane	8121	3.0
D008	Lead	1311	5.0
D009	Mercury	7470A 7471B	0.2
D035	Methyl ethyl ketone	8015B 8260B	200.0
D036	Nitrobenzene	8091 8270D	2.0
D037	Pentachlorophenol	8041	100.0
D038	Pyridine	8260B 8270D	5.0

WESTERN REFINING SOUTHWEST, INC.
WASTE DISPOSAL WELL NO. 2

UICI-011 (WDW-2)
July 20, 2016

D010	Selenium	1311	1.0
D011	Silver	1311	5.0
D039	Tetrachloroethylene	8260B	0.7
D040	Trichloroethylene	8021B 8260B	0.5
D041	2,4,5-Trichlorophenol	8270D	400.0
D042	2,4,6-Trichlorophenol	8041A 8270D	2.0
D043	Vinyl chloride	8021B 8260B	0.2

If o-, m-, and p-cresol concentrations cannot be differentiated, then the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/L.

If the quantitation limit is greater than the regulatory level, then the quantitation limit becomes the regulatory level. If metals (dissolved), the EPA 1311 TCLP Laboratory Method is required with the exception of Mercury (total).

1. **Monitor and Piezometer Wells:** Groundwater with a total dissolved solids concentration of less than 10,000 mg/L occurs at an estimated depth of approximately 10 - 30 ft. below ground surface at the WDW-2 well (hereafter, "uppermost water-bearing unit"). Groundwater monitoring well (MW) with GW sampling capability shall be installed proximal to and hydrogeologically downgradient from WDW-2 in order to monitor the uppermost water-bearing unit. The MW shall be screened (15 ft. screen with top of screen positioned 5 ft. above water table) into the uppermost water-bearing unit. The Permittee shall propose a monitoring frequency with chemical monitoring parameters in order to detect potential groundwater contamination either associated with or not associated with WDW-2.

2.B. **CONTINGENCY PLANS:** The Permittee shall implement its proposed contingency plan(s) included in its application to cope with failure of a system(s) in the Discharge Permit.

2.C. **CLOSURE:** Prior to closure of the facility, the Permittee shall submit for OCD's approval, a closure plan including a completed form C-103 for plugging and abandonment of the waste injection well. The Permittee shall plug and abandon its well pursuant to 20.6.2.5209 NMAC and as specified in Permit Condition 2.D.

1. **Pre-Closure Notification:** Pursuant to 20.6.2.5005A NMAC, the Permittee shall submit a pre-closure notification to OCD's Environmental Bureau at least 30 days prior to the date that it proposes to close or to discontinue operation of WDW-2. Pursuant to 20.6.2.5005B NMAC, OCD's Environmental Bureau must approve all proposed well closure activities before the Permittee may implement its proposed closure plan.
2. **Required Information:** The Permittee shall provide OCD's Environmental Bureau with the following information in the pre-closure notification specified in Permit Condition 2.C.1:
 - Name of facility;
 - Address of facility;
 - Name of Permittee (and owner or operator, if appropriate);

Continuous Data Logs
Well Start-up – March 2017

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
Max ->	67	48	1451	
Min ->	0	0	0	
Average ->	5	14	1098	
08-Mar-17 15:00:00	0	0	24	1199
08-Mar-17 15:30:00	0	0	0	1217
08-Mar-17 16:00:00	24	0	1350	1234
08-Mar-17 16:30:00	23	0	1352	1250
08-Mar-17 17:00:00	22	0	1351	1266
08-Mar-17 17:30:00	22	0	1352	1282
08-Mar-17 18:00:00	21	0	1351	1298
08-Mar-17 18:30:00	22	0	1352	1313
08-Mar-17 19:00:00	20	0	1350	1329
08-Mar-17 19:30:00	20	0	1351	1344
08-Mar-17 20:00:00	20	0	1351	1358
08-Mar-17 20:30:00	20	0	1352	1373
08-Mar-17 21:00:00	20	0	1350	1387
08-Mar-17 21:30:00	20	0	1353	1401
08-Mar-17 22:00:00	19	0	1351	1415
08-Mar-17 22:30:00	19	0	1351	1428
08-Mar-17 23:00:00	19	0	1352	1442
08-Mar-17 23:30:00	19	0	1351	1455
09-Mar-17 00:00:00	18	0	1350	1469
09-Mar-17 00:30:00	19	0	1352	1482
09-Mar-17 01:00:00	18	0	1350	1495
09-Mar-17 01:30:00	18	0	1351	1508
09-Mar-17 02:00:00	18	0	1353	1520
09-Mar-17 02:30:00	18	0	1352	1533
09-Mar-17 03:00:00	18	0	1352	1546
09-Mar-17 03:30:00	16	0	1351	1558
09-Mar-17 04:00:00	18	0	1352	1571
09-Mar-17 04:30:00	16	0	1350	1583
09-Mar-17 05:00:00	17	0	1351	1596
09-Mar-17 05:30:00	17	0	1352	1608
09-Mar-17 06:00:00	16	0	1349	1620
09-Mar-17 06:30:00	18	0	1352	1632
09-Mar-17 07:00:00	17	0	1352	1644
09-Mar-17 07:30:00	16	0	1351	1655
09-Mar-17 08:00:00	16	0	1352	1666
09-Mar-17 08:30:00	16	0	1351	437
09-Mar-17 09:00:00	16	0	1353	1689
09-Mar-17 09:30:00	17	0	1356	1700
09-Mar-17 10:00:00	15	0	1358	1711
09-Mar-17 10:30:00	15	0	1356	1722
09-Mar-17 11:00:00	15	0	1355	1727
09-Mar-17 11:30:00	15	0	1356	1735
09-Mar-17 12:00:00	16	0	1356	1746
09-Mar-17 12:30:00	17	0	1370	437
09-Mar-17 13:00:00	19	0	1392	1771
09-Mar-17 13:30:00	18	0	1390	1784
09-Mar-17 14:00:00	17	0	1391	1797
09-Mar-17 14:30:00	17	0	1390	1809
09-Mar-17 15:00:00	11	0	1383	1822

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
09-Mar-17 15:30:00	16	0	1381	1833
09-Mar-17 16:00:00	16	0	1381	1844
09-Mar-17 16:30:00	17	0	1381	1855
09-Mar-17 17:00:00	15	0	1381	1867
09-Mar-17 17:30:00	15	0	1382	1878
09-Mar-17 18:00:00	15	0	1382	1889
09-Mar-17 18:30:00	15	0	1383	1900
09-Mar-17 19:00:00	14	0	1380	1911
09-Mar-17 19:30:00	16	0	1381	1921
09-Mar-17 20:00:00	15	0	1380	1932
09-Mar-17 20:30:00	15	0	1383	1943
09-Mar-17 21:00:00	15	0	1381	1954
09-Mar-17 21:30:00	14	0	1382	1964
09-Mar-17 22:00:00	15	0	1383	1975
09-Mar-17 22:30:00	15	0	1382	1986
09-Mar-17 23:00:00	15	0	1382	1996
09-Mar-17 23:30:00	15	0	1382	2007
10-Mar-17 00:00:00	15	0	1383	2017
10-Mar-17 00:30:00	15	0	1383	2027
10-Mar-17 01:00:00	15	0	1383	2038
10-Mar-17 01:30:00	14	0	1381	2048
10-Mar-17 02:00:00	14	0	1383	2058
10-Mar-17 02:30:00	15	0	1382	2068
10-Mar-17 03:00:00	14	0	1382	2078
10-Mar-17 03:30:00	14	0	1381	2089
10-Mar-17 04:00:00	14	0	1382	2099
10-Mar-17 04:30:00	14	0	1383	2109
10-Mar-17 05:00:00	15	0	1382	2119
10-Mar-17 05:30:00	14	0	1383	2128
10-Mar-17 06:00:00	14	0	1382	2138
10-Mar-17 06:30:00	13	0	1382	2148
10-Mar-17 07:00:00	13	0	1381	2158
10-Mar-17 07:30:00	14	0	1383	2168
10-Mar-17 08:00:00	13	0	1382	2177
10-Mar-17 08:30:00	14	0	1381	2187
10-Mar-17 09:00:00	13	0	1382	2197
10-Mar-17 09:30:00	14	0	1382	2206
10-Mar-17 10:00:00	13	0	1382	2216
10-Mar-17 10:30:00	44	0	1310	2221
10-Mar-17 11:00:00	15	0	1383	2231
10-Mar-17 11:30:00	13	0	1382	2240
10-Mar-17 12:00:00	12	0	1380	2249
10-Mar-17 12:30:00	13	0	1383	2258
10-Mar-17 13:00:00	13	0	1383	437
10-Mar-17 13:30:00	13	0	1382	2276
10-Mar-17 14:00:00	12	1	1380	2286
10-Mar-17 14:30:00	13	1	1383	2294
10-Mar-17 15:00:00	12	1	1381	2303
10-Mar-17 15:30:00	12	1	1383	2312
10-Mar-17 16:00:00	12	1	1382	2320
10-Mar-17 16:30:00	12	1	1382	2329
10-Mar-17 17:00:00	12	1	1382	2338

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
10-Mar-17 17:30:00	13	1	1383	2346
10-Mar-17 18:00:00	12	1	1382	2355
10-Mar-17 18:30:00	11	1	1383	2363
10-Mar-17 19:00:00	12	1	1382	2372
10-Mar-17 19:30:00	12	1	1381	2380
10-Mar-17 20:00:00	11	1	1381	2388
10-Mar-17 20:30:00	12	1	1382	2397
10-Mar-17 21:00:00	12	1	1382	2405
10-Mar-17 21:30:00	12	1	1383	2414
10-Mar-17 22:00:00	11	1	1381	2422
10-Mar-17 22:30:00	11	1	1382	2430
10-Mar-17 23:00:00	11	1	1381	2439
10-Mar-17 23:30:00	12	1	1383	2447
11-Mar-17 00:00:00	12	1	1383	2455
11-Mar-17 00:30:00	12	1	1382	2463
11-Mar-17 01:00:00	13	1	1383	2472
11-Mar-17 01:30:00	12	1	1381	2480
11-Mar-17 02:00:00	13	1	1382	2488
11-Mar-17 02:30:00	11	1	1381	2496
11-Mar-17 03:00:00	12	1	1382	2504
11-Mar-17 03:30:00	11	1	1381	2512
11-Mar-17 04:00:00	11	1	1381	2520
11-Mar-17 04:30:00	11	1	1382	2528
11-Mar-17 05:00:00	11	1	1382	2536
11-Mar-17 05:30:00	11	1	1381	2544
11-Mar-17 06:00:00	11	1	1381	2552
11-Mar-17 06:30:00	11	1	1382	2560
11-Mar-17 07:00:00	11	1	1381	2568
11-Mar-17 07:30:00	11	1	1381	2576
11-Mar-17 08:00:00	10	1	1383	2584
11-Mar-17 08:30:00	10	1	1382	2592
11-Mar-17 09:00:00	11	1	1383	2600
11-Mar-17 09:30:00	11	1	1381	2607
11-Mar-17 10:00:00	12	1	1382	2615
11-Mar-17 10:30:00	11	1	1382	2623
11-Mar-17 11:00:00	12	1	1383	2630
11-Mar-17 11:30:00	11	1	1381	2638
11-Mar-17 12:00:00	11	1	1381	2645
11-Mar-17 12:30:00	11	1	1382	2652
11-Mar-17 13:00:00	11	1	1383	2660
11-Mar-17 13:30:00	7	1	1382	2666
11-Mar-17 14:00:00	2	1	1382	2673
11-Mar-17 14:30:00	11	1	1381	2680
11-Mar-17 15:00:00	10	1	1381	2687
11-Mar-17 15:30:00	10	1	1382	2694
11-Mar-17 16:00:00	0	1	1381	2700
11-Mar-17 16:30:00	10	1	1382	2707
11-Mar-17 17:00:00	2	1	1381	2714
11-Mar-17 17:30:00	11	1	1383	2720
11-Mar-17 18:00:00	10	1	1382	2727
11-Mar-17 18:30:00	10	1	1382	2734
11-Mar-17 19:00:00	10	1	1382	2741

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
11-Mar-17 19:30:00	10	1	1382	2746
11-Mar-17 20:00:00	10	1	1382	2751
11-Mar-17 20:30:00	10	1	1383	2755
11-Mar-17 21:00:00	11	1	1382	2759
11-Mar-17 21:30:00	10	1	1382	2764
11-Mar-17 22:00:00	8	1	1383	2768
11-Mar-17 22:30:00	0	1	1382	2772
11-Mar-17 23:00:00	2	1	1383	2777
11-Mar-17 23:30:00	10	1	1382	2781
12-Mar-17 00:00:00	2	2	1383	2786
12-Mar-17 00:30:00	11	2	1383	2792
12-Mar-17 01:00:00	2	2	1382	2797
12-Mar-17 01:30:00	2	2	1383	2802
12-Mar-17 03:00:00	0	2	1382	2807
12-Mar-17 03:30:00	10	2	1383	2812
12-Mar-17 04:00:00	10	2	1382	2817
12-Mar-17 04:30:00	2	2	1383	2820
12-Mar-17 05:00:00	10	2	1382	2823
12-Mar-17 05:30:00	0	2	1382	2826
12-Mar-17 06:00:00	8	2	1382	2829
12-Mar-17 06:30:00	0	2	1383	2831
12-Mar-17 07:00:00	10	2	1382	2833
12-Mar-17 07:30:00	0	2	1382	2834
12-Mar-17 08:00:00	8	2	1383	2836
12-Mar-17 08:30:00	0	2	1383	2837
12-Mar-17 09:00:00	0	2	1383	2837
12-Mar-17 09:30:00	0	2	1382	2838
12-Mar-17 10:00:00	0	2	1382	2838
12-Mar-17 10:30:00	0	2	1383	2838
12-Mar-17 11:00:00	0	2	1382	2838
12-Mar-17 11:30:00	0	2	1383	2838
12-Mar-17 12:00:00	0	2	1382	2838
12-Mar-17 12:30:00	0	2	1382	2838
12-Mar-17 13:00:00	0	2	1382	2838
12-Mar-17 13:30:00	0	2	1382	2838
12-Mar-17 14:00:00	0	2	1382	2838
12-Mar-17 14:30:00	0	2	1382	2838
12-Mar-17 15:00:00	0	2	1383	2838
12-Mar-17 15:30:00	0	2	1382	2838
12-Mar-17 16:00:00	0	2	1382	2838
12-Mar-17 16:30:00	0	2	1382	2837
12-Mar-17 17:00:00	0	2	1383	2836
12-Mar-17 17:30:00	0	2	1382	2835
12-Mar-17 18:00:00	0	2	1382	2835
12-Mar-17 18:30:00	0	2	1383	2834
12-Mar-17 19:00:00	0	3	1383	2833
12-Mar-17 19:30:00	0	3	1383	2833
12-Mar-17 20:00:00	0	3	1383	2832
12-Mar-17 20:30:00	0	3	1382	2831
12-Mar-17 21:00:00	0	3	1383	2830
12-Mar-17 21:30:00	0	3	1383	2830
12-Mar-17 22:00:00	0	3	1383	2829

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
12-Mar-17 22:30:00	0	3	1382	2828
12-Mar-17 23:00:00	0	3	1383	2828
12-Mar-17 23:30:00	0	3	1382	2828
13-Mar-17 00:00:00	0	3	1383	2828
13-Mar-17 00:30:00	0	3	1382	2828
13-Mar-17 01:00:00	0	3	1383	2828
13-Mar-17 01:30:00	0	3	1383	2828
13-Mar-17 02:00:00	0	3	1383	2828
13-Mar-17 02:30:00	0	3	1382	2828
13-Mar-17 03:00:00	0	3	1383	2828
13-Mar-17 03:30:00	0	3	1383	2828
13-Mar-17 04:00:00	0	3	1382	2828
13-Mar-17 04:30:00	0	3	1383	2828
13-Mar-17 05:00:00	0	3	1383	2828
13-Mar-17 05:30:00	0	3	1383	2828
13-Mar-17 06:00:00	0	3	1382	2828
13-Mar-17 06:30:00	0	3	1383	2827
13-Mar-17 07:00:00	0	3	1232	2828
13-Mar-17 07:30:00	0	4	1165	2828
13-Mar-17 08:00:00	0	5	1135	2828
13-Mar-17 08:30:00	0	5	1113	2828
13-Mar-17 09:00:00	0	6	1099	2828
13-Mar-17 09:30:00	0	7	1090	2828
13-Mar-17 10:00:00	0	7	1081	2828
13-Mar-17 10:30:00	0	8	1073	2828
13-Mar-17 11:00:00	0	8	1066	2828
13-Mar-17 11:30:00	0	9	1059	2828
13-Mar-17 12:00:00	0	10	1053	2828
13-Mar-17 12:30:00	0	10	1047	2828
13-Mar-17 13:00:00	0	11	1041	2828
13-Mar-17 13:30:00	0	11	1036	2828
13-Mar-17 14:00:00	0	11	1030	2828
13-Mar-17 14:30:00	0	12	1026	2828
13-Mar-17 15:00:00	0	13	1021	2828
13-Mar-17 15:30:00	0	13	1016	2828
13-Mar-17 16:00:00	0	13	1011	2828
13-Mar-17 16:30:00	0	14	1007	2828
13-Mar-17 17:00:00	0	14	1003	2828
13-Mar-17 17:30:00	0	15	999	2828
13-Mar-17 18:00:00	0	15	995	2828
13-Mar-17 18:30:00	0	15	991	2828
13-Mar-17 19:00:00	0	16	987	2828
13-Mar-17 19:30:00	0	16	984	2828
13-Mar-17 20:00:00	0	16	980	2828
13-Mar-17 20:30:00	0	17	976	2828
13-Mar-17 21:00:00	0	17	973	2828
13-Mar-17 21:30:00	0	17	970	2828
13-Mar-17 22:00:00	0	18	966	2828
13-Mar-17 22:30:00	0	18	963	2828
13-Mar-17 23:00:00	0	18	960	2828
13-Mar-17 23:30:00	0	19	957	2828
14-Mar-17 00:00:00	0	19	954	2828

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
14-Mar-17 00:30:00	0	19	951	2828
14-Mar-17 01:00:00	0	19	948	2828
14-Mar-17 01:30:00	0	20	946	2828
14-Mar-17 02:00:00	0	20	943	2828
14-Mar-17 02:30:00	0	20	940	2828
14-Mar-17 03:00:00	0	20	937	2828
14-Mar-17 03:30:00	0	21	935	2828
14-Mar-17 04:00:00	0	21	932	2828
14-Mar-17 04:30:00	0	21	930	2828
14-Mar-17 05:00:00	0	21	927	2828
14-Mar-17 05:30:00	0	22	925	2828
14-Mar-17 06:00:00	0	22	922	2828
14-Mar-17 06:30:00	0	22	920	2828
14-Mar-17 07:00:00	0	22	918	2828
14-Mar-17 07:30:00	0	22	915	2828
14-Mar-17 08:00:00	0	23	913	2828
14-Mar-17 08:30:00	0	23	911	2828
14-Mar-17 09:00:00	0	23	909	2828
14-Mar-17 09:30:00	0	23	907	2828
14-Mar-17 10:00:00	0	24	904	2828
14-Mar-17 10:30:00	0	24	902	2828
14-Mar-17 11:00:00	0	24	900	2827
14-Mar-17 11:30:00	0	25	898	2827
14-Mar-17 12:00:00	0	25	895	2827
14-Mar-17 12:30:00	0	25	893	2827
14-Mar-17 13:00:00	0	26	891	2826
14-Mar-17 13:30:00	0	26	890	2826
14-Mar-17 14:00:00	0	26	888	2826
14-Mar-17 14:30:00	26	14	1390	2847
14-Mar-17 15:00:00	21	8	1391	2863
14-Mar-17 15:30:00	27	7	1419	2872
14-Mar-17 16:00:00	20	5	1420	2888
14-Mar-17 16:30:00	18	4	1420	2902
14-Mar-17 17:00:00	16	3	1421	2914
14-Mar-17 17:30:00	15	3	1420	2926
14-Mar-17 18:00:00	14	2	1421	2938
14-Mar-17 18:30:00	15	2	1422	2948
14-Mar-17 19:00:00	13	2	1421	2958
14-Mar-17 19:30:00	13	2	1420	2968
14-Mar-17 20:00:00	13	2	1420	2977
14-Mar-17 20:30:00	12	2	1421	2986
14-Mar-17 21:00:00	13	2	1422	2995
14-Mar-17 21:30:00	13	2	1423	3004
14-Mar-17 22:00:00	12	2	1421	3013
14-Mar-17 22:30:00	12	2	1421	3021
14-Mar-17 23:00:00	13	2	1422	3030
14-Mar-17 23:30:00	11	2	1422	3038
15-Mar-17 00:00:00	11	2	1422	3046
15-Mar-17 00:30:00	11	2	1421	3053
15-Mar-17 01:00:00	10	2	1422	3061
15-Mar-17 01:30:00	10	2	1422	3068
15-Mar-17 02:00:00	11	2	1422	3075

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
15-Mar-17 02:30:00	10	2	1422	3082
15-Mar-17 03:00:00	10	2	1422	3088
15-Mar-17 03:30:00	10	2	1422	3093
15-Mar-17 04:00:00	10	2	1422	3097
15-Mar-17 04:30:00	10	2	1422	3100
15-Mar-17 05:00:00	10	2	1423	3102
15-Mar-17 05:30:00	0	2	1422	3103
15-Mar-17 06:00:00	0	2	1210	3103
15-Mar-17 06:30:00	0	3	1151	3103
15-Mar-17 07:00:00	0	4	1117	3103
15-Mar-17 07:30:00	0	5	1093	3103
15-Mar-17 08:00:00	0	6	1073	3103
15-Mar-17 08:30:00	0	7	0.0	3103
15-Mar-17 09:00:00	0	7	0.0	3103
15-Mar-17 09:30:00	0	8	1.0	3103
15-Mar-17 10:00:00	0	9	1.0	3103
15-Mar-17 10:30:00	0	9	2.0	3103
15-Mar-17 11:00:00	0	10	1016	3103
15-Mar-17 11:30:00	19	10	1391	3110
15-Mar-17 12:00:00	13	7	1391	3121
15-Mar-17 12:30:00	11	5	1391	3130
15-Mar-17 13:00:00	10	5	1391	3137
15-Mar-17 13:30:00	10	4	1391	3140
15-Mar-17 14:00:00	10	4	1391	3141
15-Mar-17 14:30:00	0	4	1196	3141
15-Mar-17 15:00:00	0	5	1119	3141
15-Mar-17 15:30:00	0	6	1081	3141
15-Mar-17 16:00:00	0	7	1056	3141
15-Mar-17 16:30:00	0	8	1037	3141
15-Mar-17 17:00:00	0	9	1025	3141
15-Mar-17 17:30:00	0	10	1017	3141
15-Mar-17 18:00:00	0	10	1011	3140
15-Mar-17 18:30:00	0	11	1004	3140
15-Mar-17 19:00:00	0	12	999	3140
15-Mar-17 19:30:00	0	12	993	3140
15-Mar-17 20:00:00	0	13	988	3140
15-Mar-17 20:30:00	0	13	983	3140
15-Mar-17 21:00:00	0	14	978	3140
15-Mar-17 21:30:00	0	14	974	3140
15-Mar-17 22:00:00	0	15	969	3140
15-Mar-17 22:30:00	0	15	965	3140
15-Mar-17 23:00:00	0	16	961	3140
15-Mar-17 23:30:00	0	16	957	3140
16-Mar-17 00:00:00	0	17	953	3140
16-Mar-17 00:30:00	0	17	950	3140
16-Mar-17 01:00:00	0	18	946	3140
16-Mar-17 01:30:00	0	18	942	3140
16-Mar-17 02:00:00	0	18	939	3140
16-Mar-17 02:30:00	0	19	936	3140
16-Mar-17 03:00:00	0	19	933	3140
16-Mar-17 03:30:00	0	19	930	3140
16-Mar-17 04:00:00	0	20	927	3140

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
16-Mar-17 04:30:00	0	20	924	3140
16-Mar-17 05:00:00	0	20	921	3140
16-Mar-17 05:30:00	0	21	918	3140
16-Mar-17 06:00:00	0	21	915	3140
16-Mar-17 06:30:00	0	21	913	3140
16-Mar-17 07:00:00	0	22	910	3140
16-Mar-17 07:30:00	0	22	908	3140
16-Mar-17 08:00:00	0	22	906	3140
16-Mar-17 08:30:00	0	22	903	3140
16-Mar-17 09:00:00	0	23	900	3140
16-Mar-17 09:30:00	0	23	898	3140
16-Mar-17 10:00:00	0	23	896	3140
16-Mar-17 10:30:00	0	24	894	3140
16-Mar-17 11:00:00	0	24	891	3140
16-Mar-17 11:30:00	0	24	888	3140
16-Mar-17 12:00:00	0	25	886	3140
16-Mar-17 12:30:00	0	25	884	3140
16-Mar-17 13:00:00	0	26	882	3140
16-Mar-17 13:30:00	0	26	880	3140
16-Mar-17 14:00:00	0	26	878	3140
16-Mar-17 14:30:00	0	26	876	3140
16-Mar-17 15:00:00	0	27	874	3140
16-Mar-17 15:30:00	0	27	872	3140
16-Mar-17 16:00:00	0	27	870	3140
16-Mar-17 16:30:00	0	28	869	3140
16-Mar-17 17:00:00	0	28	867	3140
16-Mar-17 17:30:00	0	28	865	3140
16-Mar-17 18:00:00	0	29	863	3140
16-Mar-17 18:30:00	0	29	861	3140
16-Mar-17 19:00:00	0	29	859	3140
16-Mar-17 19:30:00	0	29	858	3140
16-Mar-17 20:00:00	0	30	856	3140
16-Mar-17 20:30:00	0	30	855	3140
16-Mar-17 21:00:00	0	30	853	3140
16-Mar-17 21:30:00	0	30	851	3140
16-Mar-17 22:00:00	0	30	850	3140
16-Mar-17 22:30:00	0	31	848	3140
16-Mar-17 23:00:00	0	31	847	3140
16-Mar-17 23:30:00	0	31	845	3140
17-Mar-17 00:00:00	0	31	844	3140
17-Mar-17 00:30:00	0	31	842	3140
17-Mar-17 01:00:00	0	31	841	3140
17-Mar-17 01:30:00	0	32	839	3140
17-Mar-17 02:00:00	0	32	838	3140
17-Mar-17 02:30:00	0	32	836	3140
17-Mar-17 03:00:00	0	32	835	3140
17-Mar-17 03:30:00	0	32	833	3140
17-Mar-17 04:00:00	0	32	832	3140
17-Mar-17 04:30:00	0	32	830	3140
17-Mar-17 05:00:00	0	33	829	3140
17-Mar-17 05:30:00	0	33	828	3140
17-Mar-17 06:00:00	0	33	826	3140

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
17-Mar-17 06:30:00	0	33	825	3140
17-Mar-17 07:00:00	0	33	824	3140
17-Mar-17 07:30:00	0	33	822	3140
17-Mar-17 08:00:00	0	34	821	3140
17-Mar-17 08:30:00	0	34	820	3140
17-Mar-17 09:00:00	0	34	819	3140
17-Mar-17 09:30:00	0	34	817	3140
17-Mar-17 10:00:00	0	35	816	3140
17-Mar-17 10:30:00	0	35	815	3140
17-Mar-17 11:00:00	0	35	813	3140
17-Mar-17 11:30:00	27	15	1390	3164
17-Mar-17 12:00:00	20	9	1391	3180
17-Mar-17 12:30:00	18	6	1391	3194
17-Mar-17 13:00:00	17	5	1391	3206
17-Mar-17 13:30:00	14	5	1392	3217
17-Mar-17 14:00:00	13	4	1391	3227
17-Mar-17 14:30:00	14	4	1391	3237
17-Mar-17 15:00:00	13	4	1392	3246
17-Mar-17 15:30:00	13	4	1392	3255
17-Mar-17 16:00:00	11	4	1392	3263
17-Mar-17 16:30:00	11	4	1392	3271
17-Mar-17 17:00:00	10	4	1392	3279
17-Mar-17 17:30:00	11	4	1392	3286
17-Mar-17 18:00:00	11	4	1393	3292
17-Mar-17 18:30:00	1	4	1392	3298
17-Mar-17 19:00:00	5	4	1392	3302
17-Mar-17 19:30:00	1	4	1392	3305
17-Mar-17 20:00:00	0	4	1177	3306
17-Mar-17 20:30:00	0	5	1092	3306
17-Mar-17 21:00:00	0	6	1049	3306
17-Mar-17 21:30:00	0	7	1019	3306
17-Mar-17 22:00:00	0	8	997	3306
17-Mar-17 22:30:00	0	9	978	3306
17-Mar-17 23:00:00	0	10	963	3306
17-Mar-17 23:30:00	0	11	950	3306
18-Mar-17 00:00:00	0	12	940	3306
18-Mar-17 00:30:00	0	13	934	3306
18-Mar-17 01:00:00	0	14	929	3306
18-Mar-17 01:30:00	0	14	924	3306
18-Mar-17 02:00:00	0	15	919	3306
18-Mar-17 02:30:00	0	16	915	3306
18-Mar-17 03:00:00	0	16	911	3306
18-Mar-17 03:30:00	0	17	907	3306
18-Mar-17 04:00:00	0	18	903	3306
18-Mar-17 04:30:00	0	18	899	3306
18-Mar-17 05:00:00	0	19	895	3306
18-Mar-17 05:30:00	0	20	892	3306
18-Mar-17 06:00:00	0	20	889	3306
18-Mar-17 06:30:00	0	21	885	3306
18-Mar-17 07:00:00	0	21	882	3306
18-Mar-17 07:30:00	0	22	879	3306
18-Mar-17 08:00:00	0	22	877	3306

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
18-Mar-17 08:30:00	0	23	874	3306
18-Mar-17 09:00:00	0	23	871	3306
18-Mar-17 09:30:00	0	24	868	3306
18-Mar-17 10:00:00	0	24	866	3306
18-Mar-17 10:30:00	0	25	863	3306
18-Mar-17 11:00:00	0	25	860	3306
18-Mar-17 11:30:00	0	26	858	3306
18-Mar-17 12:00:00	0	26	856	3306
18-Mar-17 12:30:00	0	27	853	3306
18-Mar-17 13:00:00	0	27	851	3306
18-Mar-17 13:30:00	0	28	848	3306
18-Mar-17 14:00:00	0	28	847	3306
18-Mar-17 14:30:00	0	28	844	3306
18-Mar-17 15:00:00	0	29	843	3306
18-Mar-17 15:30:00	0	29	840	3306
18-Mar-17 16:00:00	0	30	839	3306
18-Mar-17 16:30:00	0	30	836	3306
18-Mar-17 17:00:00	0	31	835	3306
18-Mar-17 17:30:00	0	31	833	3306
18-Mar-17 18:00:00	0	31	831	3306
18-Mar-17 18:30:00	0	32	830	3306
18-Mar-17 19:00:00	0	32	828	3306
18-Mar-17 19:30:00	0	32	826	3306
18-Mar-17 20:00:00	0	33	825	3306
18-Mar-17 20:30:00	0	33	823	3306
18-Mar-17 21:00:00	0	33	821	3306
18-Mar-17 21:30:00	0	33	820	3306
18-Mar-17 22:00:00	0	34	818	3306
18-Mar-17 22:30:00	0	34	817	3306
18-Mar-17 23:00:00	0	34	815	3306
18-Mar-17 23:30:00	0	34	814	3306
19-Mar-17 00:00:00	0	34	813	3306
19-Mar-17 00:30:00	0	35	811	3306
19-Mar-17 01:00:00	0	35	810	3306
19-Mar-17 01:30:00	0	35	808	3306
19-Mar-17 02:00:00	0	35	807	3306
19-Mar-17 02:30:00	0	35	805	3306
19-Mar-17 03:00:00	0	36	804	3306
19-Mar-17 03:30:00	0	36	803	3306
19-Mar-17 04:00:00	0	36	802	3306
19-Mar-17 04:30:00	0	36	800	3306
19-Mar-17 05:00:00	0	36	799	3306
19-Mar-17 05:30:00	0	36	798	3306
19-Mar-17 06:00:00	0	37	796	3306
19-Mar-17 06:30:00	0	37	795	3306
19-Mar-17 07:00:00	0	37	794	3306
19-Mar-17 07:30:00	0	37	793	3306
19-Mar-17 08:00:00	0	37	792	3306
19-Mar-17 08:30:00	0	37	791	3306
19-Mar-17 09:00:00	0	38	789	3306
19-Mar-17 09:30:00	0	38	788	3306
19-Mar-17 10:00:00	0	38	787	3306

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
19-Mar-17 10:30:00	0	39	786	3306
19-Mar-17 11:00:00	0	39	785	3306
19-Mar-17 11:30:00	0	39	783	3306
19-Mar-17 12:00:00	0	39	782	3306
19-Mar-17 12:30:00	0	40	781	3306
19-Mar-17 13:00:00	0	40	779	3306
19-Mar-17 13:30:00	0	40	779	3306
19-Mar-17 14:00:00	0	40	777	3306
19-Mar-17 14:30:00	67	39	1352	3319
19-Mar-17 15:00:00	27	13	1390	3343
19-Mar-17 15:30:00	22	8	1391	3360
19-Mar-17 16:00:00	19	6	1391	3375
19-Mar-17 16:30:00	18	5	1392	3388
19-Mar-17 17:00:00	16	4	1392	3400
19-Mar-17 17:30:00	15	4	1391	3411
19-Mar-17 18:00:00	15	4	1392	3422
19-Mar-17 18:30:00	13	4	1392	3431
19-Mar-17 19:00:00	12	4	1391	3440
19-Mar-17 19:30:00	12	4	1391	3449
19-Mar-17 20:00:00	12	4	1393	3457
19-Mar-17 20:30:00	11	4	1392	3465
19-Mar-17 21:00:00	11	4	1392	3473
19-Mar-17 21:30:00	11	4	1392	3479
19-Mar-17 22:00:00	0	4	1124	3481
19-Mar-17 22:30:00	0	5	1054	3481
19-Mar-17 23:00:00	0	6	1014	3481
19-Mar-17 23:30:00	0	8	986	3481
20-Mar-17 00:00:00	0	9	964	3481
20-Mar-17 00:30:00	0	10	946	3481
20-Mar-17 01:00:00	0	11	931	3481
20-Mar-17 01:30:00	0	12	922	3481
20-Mar-17 02:00:00	0	13	915	3481
20-Mar-17 02:30:00	0	14	909	3481
20-Mar-17 03:00:00	0	14	903	3481
20-Mar-17 03:30:00	0	15	898	3481
20-Mar-17 04:00:00	0	16	893	3481
20-Mar-17 04:30:00	0	17	888	3481
20-Mar-17 05:00:00	0	18	883	3481
20-Mar-17 05:30:00	0	18	879	3481
20-Mar-17 06:00:00	0	19	875	3481
20-Mar-17 06:30:00	0	20	871	3481
20-Mar-17 07:00:00	0	20	867	3481
20-Mar-17 07:30:00	46	25	1390	3484
20-Mar-17 08:00:00	21	11	1392	3503
20-Mar-17 08:30:00	17	7	1390	3516
20-Mar-17 09:00:00	16	6	1392	3528
20-Mar-17 09:30:00	14	5	1392	3538
20-Mar-17 10:00:00	13	4	1392	3548
20-Mar-17 10:30:00	13	4	1391	3557
20-Mar-17 11:00:00	12	4	1391	3566
20-Mar-17 11:30:00	11	4	1392	3574
20-Mar-17 12:00:00	10	4	1390	3582

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
20-Mar-17 12:30:00	10	4	1391	3589
20-Mar-17 13:00:00	10	4	1392	3596
20-Mar-17 13:30:00	8	4	1392	3601
20-Mar-17 14:00:00	0	4	1179	3603
20-Mar-17 14:30:00	0	5	1084	3603
20-Mar-17 15:00:00	0	6	1038	3603
20-Mar-17 15:30:00	0	7	1008	3603
20-Mar-17 16:00:00	0	8	985	3603
20-Mar-17 16:30:00	0	9	967	3603
20-Mar-17 17:00:00	0	10	955	3603
20-Mar-17 17:30:00	0	11	948	3603
20-Mar-17 18:00:00	0	12	941	3603
20-Mar-17 18:30:00	0	13	933	3603
20-Mar-17 19:00:00	0	14	927	3603
20-Mar-17 19:30:00	0	15	922	3603
20-Mar-17 20:00:00	0	15	916	3603
20-Mar-17 20:30:00	0	16	911	3603
20-Mar-17 21:00:00	0	17	906	3603
20-Mar-17 21:30:00	0	18	902	3603
20-Mar-17 22:00:00	0	18	897	3603
20-Mar-17 22:30:00	0	19	893	3603
20-Mar-17 23:00:00	0	19	889	3603
20-Mar-17 23:30:00	0	20	885	3603
21-Mar-17 00:00:00	0	21	881	3603
21-Mar-17 00:30:00	0	21	878	3603
21-Mar-17 01:00:00	0	22	875	3603
21-Mar-17 01:30:00	0	22	871	3603
21-Mar-17 02:00:00	0	23	868	3603
21-Mar-17 02:30:00	0	23	865	3603
21-Mar-17 03:00:00	0	24	862	3603
21-Mar-17 03:30:00	0	24	859	3603
21-Mar-17 04:00:00	0	25	856	3603
21-Mar-17 04:30:00	0	25	854	3603
21-Mar-17 05:00:00	0	26	851	3603
21-Mar-17 05:30:00	0	26	849	3603
21-Mar-17 06:00:00	0	26	846	3603
21-Mar-17 06:30:00	0	27	844	3603
21-Mar-17 07:00:00	0	27	841	3603
21-Mar-17 07:30:00	0	28	839	3603
21-Mar-17 08:00:00	0	28	837	3603
21-Mar-17 08:30:00	0	28	835	3603
21-Mar-17 09:00:00	0	29	832	3603
21-Mar-17 09:30:00	0	29	831	3603
21-Mar-17 10:00:00	0	30	828	3603
21-Mar-17 10:30:00	0	30	826	3603
21-Mar-17 11:00:00	0	30	825	3603
21-Mar-17 11:30:00	34	28	1389	3612
21-Mar-17 12:00:00	22	12	1391	3631
21-Mar-17 12:30:00	19	8	1391	3645
21-Mar-17 13:00:00	17	6	1392	3658
21-Mar-17 13:30:00	15	5	1391	3669
21-Mar-17 14:00:00	14	5	1391	3679

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
21-Mar-17 14:30:00	12	4	1392	3689
21-Mar-17 15:00:00	12	4	1391	3698
21-Mar-17 15:30:00	12	4	1392	3707
21-Mar-17 16:00:00	11	4	1392	3715
21-Mar-17 16:30:00	11	4	1393	3723
21-Mar-17 17:00:00	11	4	1393	3731
21-Mar-17 17:30:00	10	4	1391	3738
21-Mar-17 18:00:00	0	4	1133	3740
21-Mar-17 18:30:00	0	5	1060	3740
21-Mar-17 19:00:00	0	7	1019	3740
21-Mar-17 19:30:00	0	8	991	3740
21-Mar-17 20:00:00	0	9	970	3740
21-Mar-17 20:30:00	0	10	956	3740
21-Mar-17 21:00:00	0	11	947	3740
21-Mar-17 21:30:00	0	12	940	3740
21-Mar-17 22:00:00	0	13	933	3740
21-Mar-17 22:30:00	0	14	926	3740
21-Mar-17 23:00:00	0	15	920	3740
21-Mar-17 23:30:00	0	15	914	3740
22-Mar-17 00:00:00	0	16	909	3740
22-Mar-17 00:30:00	0	17	903	3740
22-Mar-17 01:00:00	0	18	899	3740
22-Mar-17 01:30:00	0	18	894	3740
22-Mar-17 02:00:00	0	19	889	3740
22-Mar-17 02:30:00	0	20	885	3740
22-Mar-17 03:00:00	0	20	882	3740
22-Mar-17 03:30:00	0	21	878	3740
22-Mar-17 04:00:00	0	22	874	3740
22-Mar-17 04:30:00	0	22	870	3740
22-Mar-17 05:00:00	0	23	867	3740
22-Mar-17 05:30:00	0	23	864	3740
22-Mar-17 06:00:00	0	24	861	3740
22-Mar-17 06:30:00	0	24	858	3740
22-Mar-17 07:00:00	0	25	855	3740
22-Mar-17 07:30:00	0	25	852	3740
22-Mar-17 08:00:00	23	14	1391	3759
22-Mar-17 08:30:00	19	9	1392	3773
22-Mar-17 09:00:00	17	7	1391	3785
22-Mar-17 09:30:00	15	6	1392	3796
22-Mar-17 10:00:00	13	5	1391	3806
22-Mar-17 10:30:00	13	4	1392	3816
22-Mar-17 11:00:00	12	4	1392	3825
22-Mar-17 11:30:00	12	4	1392	3833
22-Mar-17 12:00:00	12	4	1392	3842
22-Mar-17 12:30:00	11	4	1392	3850
22-Mar-17 13:00:00	10	4	1392	3857
22-Mar-17 13:30:00	10	4	1398	3865
22-Mar-17 14:00:00	11	4	1402	3872
22-Mar-17 14:30:00	10	4	1407	3880
22-Mar-17 15:00:00	10	4	1410	3887
22-Mar-17 15:30:00	10	4	1411	3894
22-Mar-17 16:00:00	10	4	1414	3901

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (pis)	Totalizer (bbls)
22-Mar-17 16:30:00	10	4	1417	3908
22-Mar-17 17:00:00	10	4	1420	3915
22-Mar-17 17:30:00	10	4	1422	3922
22-Mar-17 18:00:00	10	4	1426	3929
22-Mar-17 18:30:00	10	4	1429	3936
22-Mar-17 19:00:00	0	3	1226	3940
22-Mar-17 19:30:00	0	4	1120	3940
22-Mar-17 20:00:00	0	6	1074	3940
22-Mar-17 20:30:00	0	7	1045	3940
22-Mar-17 21:00:00	0	8	1023	3940
22-Mar-17 21:30:00	0	8	1009	3940
22-Mar-17 22:00:00	0	9	999	3940
22-Mar-17 22:30:00	0	10	990	3940
22-Mar-17 23:00:00	0	11	982	3940
22-Mar-17 23:30:00	0	12	975	3940
23-Mar-17 00:00:00	0	13	967	3940
23-Mar-17 00:30:00	0	13	961	3940
23-Mar-17 01:00:00	0	14	955	3940
23-Mar-17 01:30:00	0	15	949	3940
23-Mar-17 02:00:00	0	15	945	3940
23-Mar-17 02:30:00	0	16	938	3940
23-Mar-17 03:00:00	0	17	934	3940
23-Mar-17 03:30:00	0	17	929	3940
23-Mar-17 04:00:00	0	18	924	3940
23-Mar-17 04:30:00	0	18	920	3940
23-Mar-17 05:00:00	0	19	916	3940
23-Mar-17 05:30:00	0	19	912	3940
23-Mar-17 06:00:00	0	20	908	3940
23-Mar-17 06:30:00	0	20	904	3940
23-Mar-17 07:00:00	0	21	901	3940
23-Mar-17 07:30:00	0	21	897	3940
23-Mar-17 08:00:00	26	24	1322	3943
23-Mar-17 08:30:00	14	14	1322	3955
23-Mar-17 09:00:00	12	11	1334	3964
23-Mar-17 09:30:00	12	9	1348	3973
23-Mar-17 10:00:00	11	8	1361	3981
23-Mar-17 10:30:00	11	7	1370	3989
23-Mar-17 11:00:00	12	6	1378	3997
23-Mar-17 11:30:00	11	6	1384	4005
23-Mar-17 12:00:00	11	5	1390	4012
23-Mar-17 12:30:00	10	5	1394	4020
23-Mar-17 13:00:00	10	5	1400	4027
23-Mar-17 13:30:00	10	4	1405	4034
23-Mar-17 14:00:00	11	4	1411	4042
23-Mar-17 14:30:00	10	4	1415	4049
23-Mar-17 15:00:00	10	4	1418	4056
23-Mar-17 15:30:00	10	4	1421	4063
23-Mar-17 16:00:00	10	4	1424	4069
23-Mar-17 16:30:00	2	4	1426	4074
23-Mar-17 17:00:00	10	4	1428	4078
23-Mar-17 17:30:00	10	4	1430	4080
23-Mar-17 18:00:00	8	4	1432	4082

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
23-Mar-17 18:30:00	0	4	1435	4083
23-Mar-17 19:00:00	0	4	1437	4084
23-Mar-17 19:30:00	0	4	1439	4085
23-Mar-17 20:00:00	0	3	1441	4084
23-Mar-17 20:30:00	0	3	1442	4084
23-Mar-17 21:00:00	0	4	1157	4084
23-Mar-17 21:30:00	0	5	1103	4084
23-Mar-17 22:00:00	0	6	1071	4084
23-Mar-17 22:30:00	0	7	1048	4084
23-Mar-17 23:00:00	0	8	1035	4084
23-Mar-17 23:30:00	0	9	1025	4084
24-Mar-17 00:00:00	0	9	1016	4084
24-Mar-17 00:30:00	0	10	1008	4084
24-Mar-17 01:00:00	0	11	1000	4084
24-Mar-17 01:30:00	0	12	993	4084
24-Mar-17 02:00:00	0	12	986	4084
24-Mar-17 02:30:00	0	13	980	4084
24-Mar-17 03:00:00	0	14	974	4084
24-Mar-17 03:30:00	0	14	968	4084
24-Mar-17 04:00:00	0	15	963	4084
24-Mar-17 04:30:00	0	15	958	4084
24-Mar-17 05:00:00	0	16	953	4084
24-Mar-17 05:30:00	0	17	948	4084
24-Mar-17 06:00:00	0	17	943	4084
24-Mar-17 06:30:00	0	18	939	4084
24-Mar-17 07:00:00	0	18	935	4084
24-Mar-17 07:30:00	0	19	931	4084
24-Mar-17 08:00:00	0	19	927	4084
24-Mar-17 08:30:00	0	20	923	4084
24-Mar-17 09:00:00	0	16	1012	4091
24-Mar-17 09:30:00	19	11	1418	4104
24-Mar-17 10:00:00	13	7	1399	4116
24-Mar-17 10:30:00	0	7	1094	4120
24-Mar-17 11:00:00	0	8	1017	4120
24-Mar-17 11:30:00	0	9	989	4120
24-Mar-17 12:00:00	0	11	976	4120
24-Mar-17 12:30:00	0	12	966	4120
24-Mar-17 13:00:00	0	13	957	4120
24-Mar-17 13:30:00	0	14	950	4120
24-Mar-17 14:00:00	33	17	1391	4122
24-Mar-17 14:30:00	19	9	1419	4137
24-Mar-17 15:00:00	17	6	1442	4150
24-Mar-17 15:30:00	0	5	1152	4157
24-Mar-17 16:00:00	0	6	1048	4157
24-Mar-17 16:30:00	0	8	1011	4157
24-Mar-17 17:00:00	0	9	996	4157
24-Mar-17 17:30:00	0	10	984	4157
24-Mar-17 18:00:00	0	11	974	4157
24-Mar-17 18:30:00	0	12	966	4157
24-Mar-17 19:00:00	0	13	958	4157
24-Mar-17 19:30:00	0	14	951	4157
24-Mar-17 20:00:00	0	15	945	4157

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
24-Mar-17 20:30:00	0	16	939	4157
24-Mar-17 21:00:00	0	16	933	4157
24-Mar-17 21:30:00	0	17	928	4157
24-Mar-17 22:00:00	0	18	923	4157
24-Mar-17 22:30:00	0	18	918	4157
24-Mar-17 23:00:00	0	19	914	4157
24-Mar-17 23:30:00	0	20	910	4157
25-Mar-17 00:00:00	0	20	906	4157
25-Mar-17 00:30:00	0	21	902	4157
25-Mar-17 01:00:00	0	21	898	4157
25-Mar-17 01:30:00	0	22	895	4157
25-Mar-17 02:00:00	0	22	892	4157
25-Mar-17 02:30:00	0	23	889	4157
25-Mar-17 03:00:00	0	23	886	4157
25-Mar-17 03:30:00	0	23	883	4157
25-Mar-17 04:00:00	0	24	880	4157
25-Mar-17 04:30:00	0	24	877	4157
25-Mar-17 05:00:00	0	25	875	4157
25-Mar-17 05:30:00	0	25	872	4157
25-Mar-17 06:00:00	0	25	869	4157
25-Mar-17 06:30:00	0	26	867	4157
25-Mar-17 07:00:00	0	26	865	4157
25-Mar-17 07:30:00	0	26	863	4157
25-Mar-17 08:00:00	0	27	860	4157
25-Mar-17 08:30:00	0	27	858	4157
25-Mar-17 09:00:00	0	27	856	4157
25-Mar-17 09:30:00	0	28	854	4157
25-Mar-17 10:00:00	0	28	852	4157
25-Mar-17 10:30:00	0	29	850	4157
25-Mar-17 11:00:00	0	29	847	4157
25-Mar-17 11:30:00	0	29	845	4157
25-Mar-17 12:00:00	0	30	843	4157
25-Mar-17 12:30:00	0	30	841	4157
25-Mar-17 13:00:00	0	31	839	4157
25-Mar-17 13:30:00	0	31	838	4157
25-Mar-17 14:00:00	0	31	836	4157
25-Mar-17 14:30:00	0	32	834	4157
25-Mar-17 15:00:00	0	32	833	4157
25-Mar-17 15:30:00	0	32	831	4157
25-Mar-17 16:00:00	0	32	830	4157
25-Mar-17 16:30:00	0	33	828	4157
25-Mar-17 17:00:00	0	33	827	4157
25-Mar-17 17:30:00	0	33	825	4157
25-Mar-17 18:00:00	0	34	823	4157
25-Mar-17 18:30:00	0	34	822	4157
25-Mar-17 19:00:00	0	34	820	4157
25-Mar-17 19:30:00	0	34	819	4157
25-Mar-17 20:00:00	0	34	818	4157
25-Mar-17 20:30:00	0	35	816	4157
25-Mar-17 21:00:00	0	35	815	4157
25-Mar-17 21:30:00	0	35	813	4157
25-Mar-17 22:00:00	0	35	812	4157

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
25-Mar-17 22:30:00	0	35	811	4157
25-Mar-17 23:00:00	0	35	809	4157
25-Mar-17 23:30:00	0	36	808	4157
26-Mar-17 00:00:00	0	36	807	4157
26-Mar-17 00:30:00	0	36	805	4157
26-Mar-17 01:00:00	0	36	804	4157
26-Mar-17 01:30:00	0	36	803	4157
26-Mar-17 02:00:00	0	36	802	4157
26-Mar-17 02:30:00	0	37	800	4157
26-Mar-17 03:00:00	0	37	799	4157
26-Mar-17 03:30:00	0	37	798	4157
26-Mar-17 04:00:00	0	37	797	4157
26-Mar-17 04:30:00	0	37	796	4157
26-Mar-17 05:00:00	0	37	795	4157
26-Mar-17 05:30:00	0	38	793	4157
26-Mar-17 06:00:00	0	38	792	4157
26-Mar-17 06:30:00	0	38	791	4157
26-Mar-17 07:00:00	0	38	790	4157
26-Mar-17 07:30:00	0	38	789	4157
26-Mar-17 08:00:00	0	38	788	4157
26-Mar-17 08:30:00	0	38	787	4157
26-Mar-17 09:00:00	0	39	786	4157
26-Mar-17 09:30:00	0	39	785	4157
26-Mar-17 10:00:00	0	39	783	4157
26-Mar-17 10:30:00	0	40	782	4157
26-Mar-17 11:00:00	0	40	781	4157
26-Mar-17 11:30:00	0	40	780	4157
26-Mar-17 12:00:00	0	40	779	4157
26-Mar-17 12:30:00	0	40	778	4157
26-Mar-17 13:00:00	0	41	777	4157
26-Mar-17 13:30:00	0	41	776	4157
26-Mar-17 14:00:00	0	41	775	4157
26-Mar-17 14:30:00	0	41	774	4157
26-Mar-17 15:00:00	0	41	773	4157
26-Mar-17 15:30:00	0	42	772	4157
26-Mar-17 16:00:00	0	42	771	4157
26-Mar-17 16:30:00	0	42	770	4157
26-Mar-17 17:00:00	0	42	769	4157
26-Mar-17 17:30:00	0	42	768	4157
26-Mar-17 18:00:00	0	43	767	4157
26-Mar-17 18:30:00	0	43	766	4157
26-Mar-17 19:00:00	0	43	766	4157
26-Mar-17 19:30:00	0	43	765	4157
26-Mar-17 20:00:00	0	43	764	4157
26-Mar-17 20:30:00	0	43	763	4157
26-Mar-17 21:00:00	0	43	762	4157
26-Mar-17 21:30:00	0	43	761	4157
26-Mar-17 22:00:00	0	44	760	4157
26-Mar-17 22:30:00	0	44	760	4157
26-Mar-17 23:00:00	0	44	759	4157
26-Mar-17 23:30:00	0	44	758	4157
27-Mar-17 00:00:00	0	44	757	4157

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
27-Mar-17 00:30:00	0	44	756	4157
27-Mar-17 01:00:00	0	44	755	4157
27-Mar-17 01:30:00	0	44	755	4157
27-Mar-17 02:00:00	0	44	754	4157
27-Mar-17 02:30:00	0	44	753	4157
27-Mar-17 03:00:00	0	44	752	4157
27-Mar-17 03:30:00	0	44	751	4157
27-Mar-17 04:00:00	0	44	750	4157
27-Mar-17 04:30:00	0	45	750	4157
27-Mar-17 05:00:00	0	45	749	4157
27-Mar-17 05:30:00	0	45	748	4157
27-Mar-17 06:00:00	0	45	747	4157
27-Mar-17 06:30:00	0	45	747	4157
27-Mar-17 07:00:00	0	45	746	4157
27-Mar-17 07:30:00	0	45	746	4157
27-Mar-17 08:00:00	30	21	1390	4178
27-Mar-17 08:30:00	22	10	1392	4196
27-Mar-17 09:00:00	18	7	1405	4211
27-Mar-17 09:30:00	18	5	1438	4224
27-Mar-17 10:00:00	0	4	1162	4233
27-Mar-17 10:30:00	0	6	1003	4233
27-Mar-17 11:00:00	0	8	940	4233
27-Mar-17 11:30:00	0	9	901	4233
27-Mar-17 12:00:00	0	11	873	4233
27-Mar-17 12:30:00	0	13	854	4233
27-Mar-17 13:00:00	18	13	1391	4240
27-Mar-17 13:30:00	16	9	1443	4252
27-Mar-17 14:00:00	0	8	1011	4254
27-Mar-17 14:30:00	0	10	932	4254
27-Mar-17 15:00:00	0	11	893	4254
27-Mar-17 15:30:00	0	13	870	4254
27-Mar-17 16:00:00	0	14	859	4254
27-Mar-17 16:30:00	0	15	853	4254
27-Mar-17 17:00:00	0	17	847	4254
27-Mar-17 17:30:00	0	18	842	4254
27-Mar-17 18:00:00	0	19	837	4254
27-Mar-17 18:30:00	0	20	832	4254
27-Mar-17 19:00:00	0	21	828	4254
27-Mar-17 19:30:00	0	22	824	4254
27-Mar-17 20:00:00	0	23	821	4254
27-Mar-17 20:30:00	0	24	817	4254
27-Mar-17 21:00:00	0	25	814	4254
27-Mar-17 21:30:00	0	26	811	4254
27-Mar-17 22:00:00	0	26	808	4254
27-Mar-17 22:30:00	0	27	805	4254
27-Mar-17 23:00:00	0	28	802	4254
27-Mar-17 23:30:00	0	28	800	4254
28-Mar-17 00:00:00	0	29	797	4254
28-Mar-17 00:30:00	0	30	795	4254
28-Mar-17 01:00:00	0	30	792	4254
28-Mar-17 01:30:00	0	31	790	4254
28-Mar-17 02:00:00	0	31	788	4254

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (pis)	Totalizer (bbls)
28-Mar-17 02:30:00	0	32	786	4254
28-Mar-17 03:00:00	0	32	784	4254
28-Mar-17 03:30:00	0	33	783	4254
28-Mar-17 04:00:00	0	33	781	4254
28-Mar-17 04:30:00	0	34	779	4254
28-Mar-17 05:00:00	0	34	777	4254
28-Mar-17 05:30:00	0	35	776	4254
28-Mar-17 06:00:00	0	35	774	4254
28-Mar-17 06:30:00	0	35	772	4254
28-Mar-17 07:00:00	0	36	771	4254
28-Mar-17 07:30:00	0	36	769	4254
28-Mar-17 08:00:00	0	36	768	4254
28-Mar-17 08:30:00	0	37	767	4254
28-Mar-17 09:00:00	0	37	765	4254
28-Mar-17 09:30:00	0	37	763	4254
28-Mar-17 10:00:00	0	38	762	4254
28-Mar-17 10:30:00	0	38	761	4254
28-Mar-17 11:00:00	0	39	760	4261
28-Mar-17 11:30:00	0	39	758	4261
28-Mar-17 12:00:00	0	39	757	4261
28-Mar-17 12:30:00	37	48	1339	4264
28-Mar-17 13:00:00	28	25	1387	4274
28-Mar-17 13:30:00	17	14	1395	4288
28-Mar-17 14:00:00	17	10	1409	4300
28-Mar-17 14:30:00	0	8	1137	4307
28-Mar-17 15:00:00	15	7	1404	4318
28-Mar-17 15:30:00	15	6	1416	4329
28-Mar-17 16:00:00	15	5	1425	4339
28-Mar-17 16:30:00	15	4	1431	4350
28-Mar-17 17:00:00	15	3	1437	4361
28-Mar-17 17:30:00	15	3	1443	4372
28-Mar-17 18:00:00	15	2	1448	4382
28-Mar-17 18:30:00	0	2	1146	4388
28-Mar-17 19:00:00	0	4	1040	4388
28-Mar-17 19:30:00	0	5	988	4388
28-Mar-17 20:00:00	0	6	952	4388
28-Mar-17 20:30:00	20	8	1389	4393
28-Mar-17 21:00:00	16	5	1417	4405
28-Mar-17 21:30:00	16	4	1434	4416
28-Mar-17 22:00:00	16	3	1443	4427
28-Mar-17 22:30:00	16	2	1451	4439
28-Mar-17 23:00:00	0	3	1091	4440
28-Mar-17 23:30:00	0	4	1020	4440
29-Mar-17 00:00:00	0	5	979	4440
29-Mar-17 00:30:00	0	6	951	4440
29-Mar-17 01:00:00	0	8	930	4440
29-Mar-17 01:30:00	0	9	916	4440
29-Mar-17 02:00:00	0	10	907	4440
29-Mar-17 02:30:00	19	10	1348	4445
29-Mar-17 03:00:00	0	7	1013	4453
29-Mar-17 03:30:00	0	8	937	4453
29-Mar-17 04:00:00	0	9	919	4453

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (pis)	Totalizer (bbls)
29-Mar-17 04:30:00	0	10	907	4453
29-Mar-17 05:00:00	23	12	1341	4457
29-Mar-17 05:30:00	17	7	1378	4470
29-Mar-17 06:00:00	17	5	1403	4482
29-Mar-17 06:30:00	16	4	1418	4494
29-Mar-17 07:00:00	16	3	1431	4505
29-Mar-17 07:30:00	16	2	1444	4517
29-Mar-17 08:00:00	16	2	1451	4528
29-Mar-17 08:30:00	0	2	1091	4528
29-Mar-17 09:00:00	0	4	1027	4528
29-Mar-17 09:30:00	0	5	990	4528
29-Mar-17 10:00:00	0	6	969	4528
29-Mar-17 10:30:00	0	7	957	4528
29-Mar-17 11:00:00	0	8	945	4528
29-Mar-17 11:30:00	0	9	935	4528
29-Mar-17 12:00:00	0	10	927	4528
29-Mar-17 12:30:00	0	11	919	4528
29-Mar-17 13:00:00	0	12	911	4528
29-Mar-17 13:30:00	0	13	904	4528
29-Mar-17 14:00:00	12	12	1225	4534
29-Mar-17 14:30:00	11	9	1275	4542
29-Mar-17 15:00:00	11	7	1302	4550
29-Mar-17 15:30:00	18	6	1392	4560
29-Mar-17 16:00:00	13	4	1393	4570
29-Mar-17 16:30:00	12	4	1392	4579
29-Mar-17 17:00:00	11	4	1392	4587
29-Mar-17 17:30:00	10	3	1390	4594
29-Mar-17 18:00:00	11	3	1392	4601
29-Mar-17 18:30:00	8	3	1391	4608
29-Mar-17 19:00:00	10	3	1393	4611
29-Mar-17 19:30:00	0	3	1276	4614
29-Mar-17 20:00:00	0	4	1080	4614
29-Mar-17 20:30:00	0	5	1028	4614
29-Mar-17 21:00:00	0	6	997	4614
29-Mar-17 21:30:00	0	7	981	4614
29-Mar-17 22:00:00	0	8	970	4614
29-Mar-17 22:30:00	0	9	960	4614
29-Mar-17 23:00:00	0	10	951	4614
29-Mar-17 23:30:00	0	10	943	4614
30-Mar-17 00:00:00	0	11	936	4614
30-Mar-17 00:30:00	0	12	929	4614
30-Mar-17 01:00:00	0	13	923	4614
30-Mar-17 01:30:00	0	13	917	4614
30-Mar-17 02:00:00	0	14	911	4614
30-Mar-17 02:30:00	0	15	906	4614
30-Mar-17 03:00:00	0	16	901	4614
30-Mar-17 03:30:00	0	16	896	4614
30-Mar-17 04:00:00	0	17	892	4614
30-Mar-17 04:30:00	0	17	887	4614
30-Mar-17 05:00:00	0	18	883	4614
30-Mar-17 05:30:00	0	18	879	4614
30-Mar-17 06:00:00	0	19	875	4614

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
30-Mar-17 06:30:00	0	19	872	4614
30-Mar-17 07:00:00	0	20	868	4614
30-Mar-17 07:30:00	0	20	865	4614
30-Mar-17 08:00:00	0	21	862	4614
30-Mar-17 08:30:00	19	15	1344	4627
30-Mar-17 09:00:00	17	9	1383	4639
30-Mar-17 09:30:00	16	7	1401	4651
30-Mar-17 10:00:00	16	5	1415	4662
30-Mar-17 10:30:00	15	4	1425	4673
30-Mar-17 11:00:00	15	3	1432	4684
30-Mar-17 11:30:00	15	3	1440	4695
30-Mar-17 12:00:00	15	2	1447	4705
30-Mar-17 12:30:00	0	2	1158	4711
30-Mar-17 13:00:00	0	3	1063	4711
30-Mar-17 13:30:00	0	5	1015	4711
30-Mar-17 14:00:00	0	6	986	4711
30-Mar-17 14:30:00	0	7	971	4711
30-Mar-17 15:00:00	0	8	960	4711
30-Mar-17 15:30:00	21	10	1340	4713
30-Mar-17 16:00:00	12	7	1342	4724
30-Mar-17 16:30:00	11	6	1352	4731
30-Mar-17 17:00:00	10	5	1368	4739
30-Mar-17 17:30:00	10	5	1376	4746
30-Mar-17 18:00:00	10	4	1384	4753
30-Mar-17 18:30:00	10	4	1388	4760
30-Mar-17 19:00:00	10	4	1392	4767
30-Mar-17 19:30:00	8	4	1394	4772
30-Mar-17 20:00:00	0	3	1398	4774
30-Mar-17 20:30:00	1	3	1401	4776
30-Mar-17 21:00:00	0	3	1404	4777
30-Mar-17 21:30:00	9	3	1408	4778
30-Mar-17 22:00:00	0	3	1410	4779
30-Mar-17 22:30:00	0	3	1414	4779
30-Mar-17 23:00:00	0	3	1417	4778
30-Mar-17 23:30:00	0	3	1422	4778
31-Mar-17 00:00:00	0	3	1422	4778
31-Mar-17 00:30:00	0	3	1172	4778
31-Mar-17 01:00:00	0	4	1093	4778
31-Mar-17 01:30:00	0	5	1052	4778
31-Mar-17 02:00:00	0	6	1026	4778
31-Mar-17 02:30:00	0	7	1012	4778
31-Mar-17 03:00:00	0	8	1002	4778
31-Mar-17 03:30:00	0	9	993	4778
31-Mar-17 04:00:00	0	9	984	4778
31-Mar-17 04:30:00	0	10	977	4778
31-Mar-17 05:00:00	12	9	1343	4786
31-Mar-17 05:30:00	11	7	1363	4794
31-Mar-17 06:00:00	11	6	1378	4802
31-Mar-17 06:30:00	11	5	1386	4810
31-Mar-17 07:00:00	11	4	1395	4817
31-Mar-17 07:30:00	10	4	1397	4824
31-Mar-17 08:00:00	2	4	1401	4831

Injection Well Monthly Reportable Information

	Flowrate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (bbls)
31-Mar-17 08:30:00	10	3	1407	4838
31-Mar-17 09:00:00	10	3	1409	4844
31-Mar-17 09:30:00	10	3	1418	4851
31-Mar-17 10:00:00	10	3	1422	4858
31-Mar-17 10:30:00	10	3	1425	4865
31-Mar-17 11:00:00	10	2	1428	4872
31-Mar-17 11:30:00	0	2	1298	4878
31-Mar-17 12:00:00	0	3	1123	4878
31-Mar-17 12:30:00	0	4	1076	4878
31-Mar-17 13:00:00	0	5	1050	4878
31-Mar-17 13:30:00	0	6	1037	4878
31-Mar-17 14:00:00	0	7	1025	4878
31-Mar-17 14:30:00	0	7	1016	4878
31-Mar-17 15:00:00	0	8	1006	4878
31-Mar-17 15:30:00	15	9	1342	4882
31-Mar-17 16:00:00	1	7	1342	4890
31-Mar-17 16:30:00	0	6	1343	4890
31-Mar-17 17:00:00	0	5	1347	4890
31-Mar-17 17:30:00	0	5	1345	4890
31-Mar-17 18:00:00	0	5	1343	4890
31-Mar-17 18:30:00	0	5	1342	4890
31-Mar-17 19:00:00	0	5	1342	4890
31-Mar-17 19:30:00	0	5	1342	4890
31-Mar-17 20:00:00	0	5	1344	4890
31-Mar-17 20:30:00	0	5	1345	4890
31-Mar-17 21:00:00	0	5	1345	4890
31-Mar-17 21:30:00	0	5	1346	4890
31-Mar-17 22:00:00	0	5	1345	4890
31-Mar-17 22:30:00	0	5	1344	4890
31-Mar-17 23:00:00	0	5	1346	4890
31-Mar-17 23:30:00	0	5	1346	4890
01-Apr-17 00:00:00	0	5	1346	4890

Integrity Testing
January – March 2017



NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 3-8-17 Operator Western Refining SW Inc API # 30-0 45-35 747
Property Name Water Disposal Well Well # 2 Location: Unit H Sec 27 Twn 29 Rge 11

Land Type:

State _____
Federal _____
Private _____
Indian _____

Well Type:

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

Temporarily Abandoned Well (Y/N) (Y)

TA Expires: _____

Casing Pres. 0
Bradenhead Pres. 0
Tubing Pres. 306
Int. Casing Pres. 0

Tbg. SI Pres. _____
Tbg. Inj. Pres. _____

Max. Inj. Pres. _____

Pressured annulus up to 500 psi. for 30 mins. Test passed/failed

REMARKS:

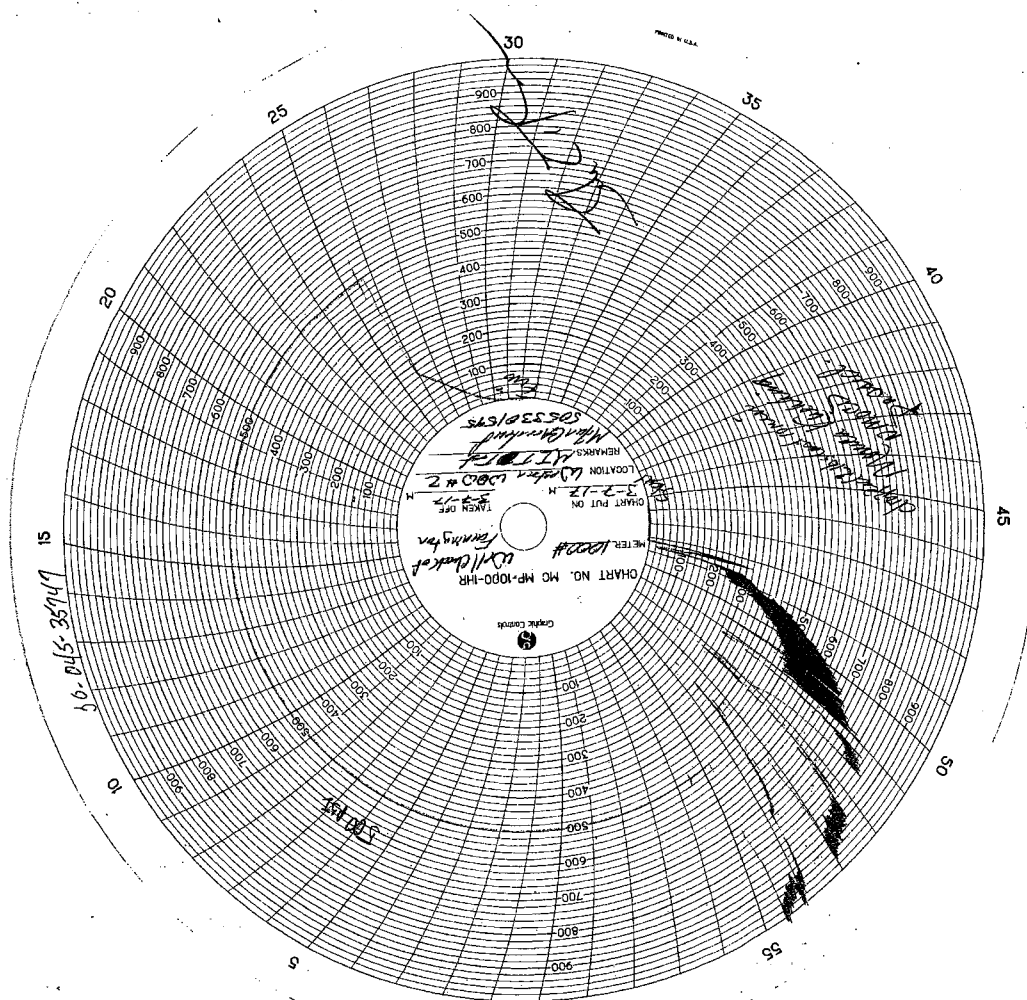
packer set 7230
top perf 7312
dropped to 498 last 10 minutes.

By John E. [Signature]
(Operator Representative)

Witness Nomica Kuhlman
(NMOCD)

(Position)

Revised 02-11-02





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-8178 FAX: (505) 334-8170
[http://emrmd.state.nm.us/ocd/District III/Solistic.htm](http://emrmd.state.nm.us/ocd/District%20III/Solistic.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 3-8-17 Operator Western Refining SW Inc API #30-0 45-35747
Property Name Waste Disposal Well Well No. 2 Location: Unit H Section 29 Township 29 Range 11
Well Status (Shut-In or Producing) Initial PSI: Tubing 305 Intermediate 0 Casing 0 Bradenhead 1.5

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	0	0	0	0
10 min	0	0	0	0	0
15 min	0	0	0	0	0
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	/
Gas	
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:

BH - Nothing when opened - Nothing when opened after 5 min shut in
Int - Nothing when opened - Nothing when opened after 5 min shut in

By [Signature]

Witness Monica Kallings

(Position)

E-mail address _____