Facility Well Name Wheatland Electric #1 **UIC Permit #** KS-01-055-003 **Month** August **Year** 2023

Submitted 09/01/2023 **Approved** 09/05/2023 **KOLAR Document ID** 1727775

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 44,571

			Annulus Pressure psig min 60		Injection Pressure		
	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Gauge psig	Cont. Record psig	Gauge psig	Cont. Record psig	Amount Added to Seal Pot
Monthly Average	13,022	11.42	339	339	-9.6	-4.7	
Monthly Maximum	19,286	15.50	392	392	2.0	1.6	
Monthly Minimum	9,000	6.52	284	284	-25.0	-12.2	
Monthly Total	403,690						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
491.00	275.00	9.20	-25.00

Comments:

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Daily Recorder Data

Day	Time 24 hr	Injection Volume Barrels Per Day	Injection Rate Barrels Per Minute	Annulus Pressure (Gauge) psig	Annulus Pressure (Continuous Recorder) psig	Injection Pressure (Gauge) + / -	Injection Pressure (Continuous Recorder) + / -	Seal Pot Fluid Level inches	Type of Fluid Added to Seal Pot	Amount of Fluid Added to Seal Pot gallons	Initials of Collector of Field Recordings	Meter Reading 3585901	
1	08:20	13,428.57	14.79	345	345.0	-10	-4.5	28			PS	3,586,465.0	
2	07:40	14,500.00	12.86	361	361.0	-3	-1.3	28			FL	3,587,074.0	
3	07:40	13,357.14	12.86	313	313.0	-2	-0.8	28			FL	3,587,635.0	
4	08:15	11,309.52	6.79	318	318.0	-25	-12.0	28			FL	3,588,110.0	
5	08:30	12,547.62	6.81	318	318.0	-25	-12.1	28			PS	3,588,637.0	
6	07:45	10,976.19	6.52	350	350.0	-25	-12.1	28			PS	3,589,098.0	
7	06:55	12,571.43	14.38	331	331.0	-5	-3.7	28			PS	3,589,626.0	
8	07:10	19,285.71	13.57	335	335.0	-5	-3.9	28			PS	3,590,436.0	
9	07:00	13,357.14	12.95	329	329.0	-5	-2.2	28			PS	3,590,997.0	
10	07:45	13,642.86	13.67	306	306.0	-6	-3.3	28			PS	3,591,570.0	
11	07:10	14,190.48	12.88	337	337.0	-2	-1.3	28			PS	3,592,166.0	
12	07:35	13,928.57	12.86	322	322.0	-2	-0.7	28			FL	3,592,751.0	
13	08:10	10,595.24	6.69	329	329.0	-25	-12.0	28			PB	3,593,196.0	
14	07:45	13,380.95	13.33	374	374.0	-6	-3.1	28			PB	3,593,758.0	
15	07:45	14,357.14	12.93	373	373.0	-4	-1.5	28			PB	3,594,361.0	
16	07:45	10,976.19	13.07	337	337.0	-5	-2.4	28			PB	3,594,822.0	
17	07:50	14,880.95	12.83	365	365.0	1	1.0	28			PB	3,595,447.0	
18	06:40	9,000.00	15.50	392	392.0	-10	-5.0	28			PS	3,595,825.0	
19	07:55	15,904.76	12.79	339	339.0	2	1.6	28			FL	3,596,493.0	
20	07:50	9,452.38	6.76	312	312.0	-25	-12.2	28			FL	3,596,890.0	
21	07:40	12,190.48	6.76	326	326.0	-25	-12.2	28			FL	3,597,402.0	
22	07:45	13,095.24	6.76	326	326.0	-25	-12.1	28			FL	3,597,952.0	
23	07:45	13,095.24	13.21	370	370.0	-1	-0.4	28			FL	3,598,502.0	
24	07:45	13,428.57	13.12	370	370.0	-6	-2.9	28			FL	3,599,066.0	
25	07:45	12,857.14	13.29	379	379.0	-7	-3.3	28			PB	3,599,606.0	
26	07:45	15,000.00	12.81	354	354.0	2	1.5	28			PB	3,600,236.0	
27	07:15	12,023.81	12.88	308	308.0	1	0.7	28			PB	3,600,741.0	
28	06:30	12,857.14	12.90	319	319.0	-1	-0.5	28			PS	3,601,281.0	
29	07:00	13,785.71	12.88	350	350.0	0	-0.3	28			PS	3,601,860.0	
30	07:00	10,928.57	7.67	322	322.0	-25	-12.1	28			PS	3,602,319.0	
31	07:10	12,785.71	6.76	284	284.0	-25	-12.0	28			PS	3,602,856.0	

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Weekly Injectate Samples

Kansas Lab Certificate Number E-10146

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	63.20	08/07/2023	7.56	08/07/2023	600.0	08/07/2023	08/08/2023		
2	62.90	08/14/2023	7.52	08/14/2023	608.0	08/14/2023	08/16/2023		
3	63.20	08/21/2023	7.56	08/21/2023	680.0	08/21/2023	08/22/2023		
4	63.40	08/29/2023	7.53	08/29/2023	621.0	08/29/2023	08/30/2023		
5									

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 3
Date Sample Collected 08/07/2023
Kansas Lab Certificate Number E-10146
Lab Name Pace Analytical-Salina

These samples shall be representative of injection activity and shall therefore be collected on days of injection.

Constituent	Value	Units
Calcium	2,480.000	mg/l
Conductivity	11,700.000	Mmhos
Magnesium	630.000	mg/l
Sodium	1,400.000	mg/l
Sulfate	6,600.000	mg/l
Total Alkalinity as CaCO3	1,300.000	mg/l
Total Dissolved Solids	11,800.000	mg/l
Total Suspended Solids	50.000	mg/l