Facility Well Name Wheatland Electric #1 **UIC Permit #** KS-01-055-003 **Month** November **Year** 2022

Submitted 12/05/2022 **Approved** 12/13/2022 **KOLAR Document ID** 1675677

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	11,877	8.67	341	341	-16.8	-7.8	
Monthly Maximum	17,452	23.88	408	408	3.0	3.2	
Monthly Minimum	9,476	0.00	306	306	-25.0	-12.5	
Monthly Total	356,310						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
485.00	282.00	9.70	-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 3448782	
1	07:30	15,476.19	6.40	336	336.0	-25	-12.2	28			PS	3,449,432.0	
2	07:40	10,380.95	5.83	324	324.0	-25	-12.2	28			FL	3,449,868.0	
3	07:45	12,547.62	6.43	337	337.0	-25	-12.1	28			FL	3,450,395.0	
4	07:15	10,095.24	5.90	323	323.0	-25	-12.3	28			PS	3,450,819.0	
5	08:30	16,928.57	6.24	329	329.0	-25	-12.1	28			PS	3,451,530.0	
6	08:30	10,595.24	6.14	330	330.0	-25	-12.2	28			PS	3,451,975.0	
7	06:50	9,476.19	6.33	331	331.0	-25	-12.3	28			PS	3,452,373.0	
8	07:50	10,690.48	6.05	338	338.0	-25	-11.8	28			FL	3,452,822.0	
9	07:30	10,166.67	5.98	332	332.0	-25	-12.3	28			PS	3,453,249.0	
10	07:25	13,404.76	13.40	374	374.0	-2	1.9	28			PS	3,453,812.0	
11	07:45	12,238.10	13.19	370	370.0	3	3.2	28			PB	3,454,326.0	
12	07:40	10,761.90	5.95	321	321.0	2	-12.3	28			PB	3,454,778.0	
13	07:50	10,595.24	13.60	378	378.0	-25	2.5	28			PB	3,455,223.0	
14	07:55	14,000.00	6.05	316	316.0	-25	-12.3	28			PB	3,455,811.0	
15	07:50	13,666.67	5.71	315	315.0	-25	-12.4	28			PB	3,456,385.0	
16	07:55	10,404.76	5.86	320	320.0	-25	-12.5	28			PB	3,456,822.0	
17	07:50	10,357.14	5.95	323	323.0	-25	-12.4	28			PB	3,457,257.0	
18	07:30	10,261.90	5.90	318	318.0	-25	-12.4	28			PS	3,457,688.0	
19	07:50	14,809.52	13.02	363	363.0	0	0.1	28			FL	3,458,310.0	
20	08:00	17,452.38	12.90	362	362.0	2	1.7	28			FL	3,459,043.0	
21	07:30	9,595.24	23.88	306	306.0	-4	-4.2	28			PS	3,459,446.0	
22	07:50	11,714.29	14.00	408	408.0	-1	-0.5	28			PB	3,459,938.0	
23	07:50	11,357.14	0.00	329	329.0	1	0.7	28			FL	3,460,415.0	
24	07:10	9,833.33	5.64	322	322.0	-25	-12.3	28			PS	3,460,828.0	
25	08:21	10,833.33	5.57	322	322.0	-25	-12.4	28			PS	3,461,283.0	
26	07:50	10,095.24	14.05	387	387.0	-25	-2.5	28			PS	3,461,707.0	
27	08:20	13,761.90	5.60	322	322.0	-25	-12.2	28			PS	3,462,285.0	
28	07:00	10,047.62	13.45	379	379.0	-1	-1.2	28			PS	3,462,707.0	
29	07:55	14,976.19	13.90	384	384.0	-5	-2.3	28			PB	3,463,336.0	
30	07:40	9,785.71	7.05	325	325.0	-25	-12.2	28			PS	3,463,747.0	
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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	62.40	11/07/2022	7.52	11/07/2022	624.0	11/07/2022	11/09/2022		
2	62.30	11/14/2022	7.57	11/14/2022	860.0	11/14/2022	11/19/2022		
3	62.50	11/21/2022	7.66	11/21/2022	600.0	11/21/2022	11/22/2022		
4	62.90	11/28/2022	7.60	11/28/2022	585.0	11/28/2022	12/04/2022		
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No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 4
Date Sample Collected 11/14/2022
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	8,550.000	mg/l
Conductivity	11,500.000	Mmhos
Magnesium	4,920.000	mg/l
Sodium	9,850.000	mg/l
Sulfate	10,800.000	mg/l
Total Alkalinity as CaCO3	1,080.000	mg/l
Total Dissolved Solids	12,100.000	mg/l