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

Submitted 11/02/2023 **Approved** 11/28/2023 **KOLAR Document ID** 1735629

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	11,844	11.62	344	344	-6.9	-4.4	
Monthly Maximum	15,214	23.31	457	457	25.0	3.1	
Monthly Minimum	1,000	0.00	291	291	-25.0	-13.0	
Monthly Total	367,167						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
490.00	276.00	18.00	-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		
1	07:40	10,904.76	7.07	308	308.0	-25	-12.1	28			PS	3,619,271.0	
2	09:20	9,190.48	23.31	373	373.0	2	2.0	28			FL	3,619,657.0	
3	07:45	12,047.62	7.05	326	326.0	-25	-12.0	28			FL	3,620,163.0	
4	07:50	10,047.62	6.88	321	321.0	-25	-13.0	28			PB	3,620,585.0	
5	07:40	10,904.76	13.10	357	357.0	-9	-4.4	28			FL	3,621,043.0	
6	07:40	14,976.19	6.79	327	327.0	-25	-12.2	28			FL	3,621,672.0	
7	07:05	14,476.19	12.95	350	350.0	0	-0.2	28			PS	3,622,280.0	
8	08:00	10,452.38	14.26	293	293.0	-8	-3.9	28			PS	3,622,719.0	
9	06:35	12,476.19	5.74	307	307.0	-25	-12.3	28			PS	3,623,243.0	
10	07:20	10,690.48	13.38	344	344.0	3	3.1	28			PS	3,623,692.0	
11	07:25	10,952.38	6.45	332	332.0	-25	-12.0	28			PS	3,624,152.0	
12	07:25	12,857.14	14.17	334	334.0	-5	-5.2	28			PS	3,624,692.0	
13	07:05	12,809.52	14.00	291	291.0	-4	-3.8	28			PS	3,625,230.0	
14	08:00	12,976.19	14.31	299	299.0	-6	-4.2	28			PB	3,625,775.0	
15	06:00	10,119.05	0.00	457	457.0	0	0.3	28			PB	3,626,200.0	
16	07:50	14,071.43	13.43	369	369.0	-5	-2.8	28			PB	3,626,791.0	
17	07:50	12,476.19	17.07	344	344.0	-5	-4.9	28			PB	3,627,315.0	
18	07:50	11,023.81	13.79	374	374.0	1	0.3	28			PB	3,627,778.0	
19	07:50	13,214.29	13.33	355	355.0	-6	-3.1	28			PB	3,628,333.0	
20	07:30	13,119.05	13.02	356	356.0	0	-0.1	28			PS	3,628,884.0	
21	07:55	14,023.81	13.02	356	356.0	0	0.2	28			FL	3,629,473.0	
22	08:10	11,833.33	13.02	295	295.0	0	0.1	28			FL	3,629,970.0	
23	07:50	9,571.43	13.36	362	362.0	-5	-2.2	28			PB	3,630,372.0	
24	07:50	13,571.43	13.05	325	325.0	0	-0.1	28			PB	3,630,942.0	
25	07:50	11,880.95	13.07	318	318.0	-1	-1.0	28			PB	3,631,441.0	
26	07:50	12,071.43	17.83	330	330.0	-12	-6.0	28			PB	3,631,948.0	
27	07:50	13,714.29	13.21	366	366.0	-5	-2.4	28			FL	3,632,524.0	
28	10:30	13,547.62	6.31	326	326.0	25	-12.7	28			PS	3,633,093.0	
29	08:00	10,952.38	13.40	383	383.0	0	0.4	28			PS	3,633,553.0	
30	06:55	15,214.29	13.83	325	325.0	-10	-4.7	28			PS	3,634,192.0	
31	07:10	1,000.00	0.00	448	448.0	-13	-6.7	28			PS	3,634,234.0	

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Weekly Injectate Samples

Kansas Lab Certificate Number E-10150

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	62.30	10/02/2023	7.52	10/02/2023	616.0	10/02/2023	10/03/2023		
2	62.30	10/09/2023	7.54	10/09/2023	611.0	10/09/2023	10/12/2023		
3	62.40	10/16/2023	7.55	10/16/2023	614.0	10/16/2023	10/18/2023		
4	63.40	10/23/2023	7.56	10/23/2023	584.0	10/23/2023	10/25/2023		
5	61.80	10/30/2023	7.55	10/30/2023	650.0	10/30/2023	11/01/2023		

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 4
Date Sample Collected 10/03/2023
Kansas Lab Certificate Number E-10150
Lab Name Servi-Tech Lab

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

Constituent	Value	Units
Calcium	1,810.000	mg/l
Conductivity	11,700.000	Mmhos
Magnesium	540.000	mg/l
Sodium	1,130.000	mg/l
Sulfate	6,000.000	mg/l
Total Alkalinity as CaCO3	1,600.000	mg/l
Total Dissolved Solids	12,100.000	mg/l
Total Suspended Solids	47.000	mg/l