Facility Well Name Wheatland Electric #1 **UIC Permit #** KS-01-055-003 **Month** August **Year** 2020

Submitted 09/09/2020 **Approved** 09/09/2020 **KOLAR Document ID** 1529388

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	11,382	7.85	352	352	-22.0	-8.6	
Monthly Maximum	18,810	13.55	399	399	8.0	7.9	
Monthly Minimum	9,048	5.67	301	301	-25.0	-11.2	
Monthly Total	352,857						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
461.00	310.00	10.00	-25.00

Comments:

Wheatland Electric #1 08/2020

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 3058.81	
1	06:50	10,000.00	7.21	356	356.0	-25	-11.2	29			PS	3,059.23	
2	07:30	12,619.05	7.05	353	353.0	-25	-10.6	29			FL	3,059.76	
3	09:05	10,952.38	7.24	354	354.0	-25	-11.1	29			FL	3,060.22	
4	07:10	16,666.67	13.10	374	374.0	7	7.0	29			PS	3,060.92	
5	07:25	10,714.29	7.24	354	354.0	-25	-11.0	29			PS	3,061.37	
6	07:30	10,952.38	7.10	348	348.0	-25	-10.6	29			PS	3,061.83	
7	07:20	10,238.10	7.19	352	352.0	-25	-10.3	29			PS	3,062.26	
8	08:00	10,238.10	7.19	347	347.0	-25	-10.7	29			PS	3,062.69	
9	08:45	10,714.29	7.21	349	349.0	-25	-10.8	29			PS	3,063.14	
10	07:25	12,142.86	7.14	347	347.0	-25	-10.7	29			PS	3,063.65	
11	07:25	10,476.19	7.19	347	347.0	-25	-11.0	29			PS	3,064.09	
12	07:35	10,238.10	7.17	350	350.0	-25	-10.7	29			PS	3,064.52	
13	07:30	10,238.10	7.17	354	354.0	-25	-10.1	29			PS	3,064.95	
14	07:25	10,238.10	7.17	350	350.0	-25	-10.5	29			FL	3,065.38	
15	06:50	13,571.43	7.10	349	349.0	-25	-10.3	29			FL	3,065.95	
16	07:35	10,714.29	7.24	350	350.0	-25	-10.4	29			FL	3,066.40	
17	07:55	10,476.19	13.50	388	388.0	2	2.7	29			PS	3,066.84	
18	07:35	18,809.52	5.67	341	341.0	-25	-10.7	29			PS	3,067.63	
19	07:50	10,000.00	7.14	349	349.0	-25	-10.7	29			PS	3,068.05	
20	07:25	10,238.10	7.17	348	348.0	-25	-10.7	29			PS	3,068.48	
21	06:50	10,000.00	7.17	349	349.0	-25	-10.5	29			PS	3,068.90	
22	07:40	10,714.29	7.17	301	301.0	-25	-10.8	29			PS	3,069.35	
23	06:40	10,000.00	7.17	349	349.0	-25	-10.6	29			PS	3,069.77	
24	04:00	9,047.62	7.17	350	350.0	-25	-10.5	29			PS	3,070.15	
25	07:15	12,142.86	13.36	399	399.0	8	7.9	29			PS	3,070.66	
26	07:10	18,333.33	6.07	328	328.0	-25	-10.5	29			PS	3,071.43	
27	07:30	9,761.90	6.90	345	345.0	-25	-10.5	29			PS	3,071.84	
28	07:20	9,761.90	6.88	346	346.0	-25	-10.3	29			PS	3,072.25	
29	07:20	13,095.24	6.86	345	345.0	-25	-10.5	29			FL	3,072.80	
30	07:40	10,000.00	6.93	345	345.0	-25	-10.6	29			FL	3,073.22	
31	07:55	9,761.90	13.55	387	387.0	-25	1.8	29			FL	3,073.63	

Wheatland Electric #1 08/2020

Weekly Injectate Samples

Kansas Lab Certificate Number E10146

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	63.70	08/03/2020	7.54	08/03/2020	695.0	08/03/2020	08/07/2020		
2	63.00	08/10/2020	7.55	08/10/2020	615.0	08/10/2020	08/16/2020		
3	62.90	08/17/2020	7.64	08/17/2020	706.0	08/17/2020	08/22/2020		
4	63.00	08/24/2020	7.55	08/24/2020	636.0	08/24/2020	08/22/2020		
5	63.40	08/31/2020	7.58	08/31/2020	668.0	08/31/2020	09/03/2020		

No monthly injectate samples required.

Quarterly Injectate Samples

Quarter 2
Date Sample Collected 08/17/2020
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	9,040.000	mg/l
Conductivity	11,200.000	Mmhos
Magnesium	5,070.000	mg/l
Sodium	1,160.000	mg/l
Sulfate	6,370.000	mg/l
Total Alkalinity as CaCO3	1,050.000	mg/l
Total Dissolved Solids	15,000.000	mg/l