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

Submitted 12/10/2020 **Approved** 12/11/2020 **KOLAR Document ID** 1538881

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	10,333	6.85	328	328	-22.3	-8.7	
Monthly Maximum	14,286	13.12	341	341	5.0	4.7	
Monthly Minimum	8,095	0.00	299	299	-25.0	-10.5	
Monthly Total	310,000						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
415.00	295.00	10.40	-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 3102.74	
1	07:00	8,095.24	0.00	341	341.0	0	1.4	29			PS	3,103.08	
2	07:25	9,523.81	6.76	331	331.0	-25	-10.4	29			PS	3,103.48	
3	07:45	9,761.90	6.74	332	332.0	-25	-1.4	29			FL	3,103.89	
4	04:30	8,571.43	6.74	333	333.0	-25	-10.4	29			PS	3,104.25	
5	07:15	10,952.38	0.00	299	299.0	0	1.1	29			PS	3,104.71	
6	07:30	8,809.52	7.12	332	332.0	-25	-10.3	29			PS	3,105.08	
7	07:55	10,476.19	7.19	332	332.0	-25	-10.4	29			FL	3,105.52	
8	07:30	10,238.10	7.12	332	332.0	-25	-10.3	29			FL	3,105.95	
9	09:30	10,952.38	7.14	336	336.0	-25	-10.3	29			FL	3,106.41	
10	07:30	10,238.10	7.14	328	328.0	-25	-10.1	29			PS	3,106.84	
11	10:15	10,714.29	7.14	331	331.0	-25	-10.4	29			PS	3,107.29	
12	07:30	9,047.62	7.17	328	328.0	-25	-10.2	29			PS	3,107.67	
13	07:45	10,476.19	7.17	327	327.0	-25	-10.2	29			PS	3,108.11	
14	07:25	9,761.90	13.12	329	329.0	5	4.7	29			PS	3,108.52	
15	09:00	12,857.14	7.17	327	327.0	-25	-10.4	29			PS	3,109.06	
16	07:35	9,761.90	7.19	327	327.0	-25	-10.2	29			PS	3,109.47	
17	07:35	10,238.10	7.19	329	329.0	-25	-10.2	29			PS	3,109.90	
18	07:30	10,238.10	7.19	330	330.0	-25	-10.4	29			PS	3,110.33	
19	07:25	14,285.71	7.02	330	330.0	-25	-10.2	29			PS	3,110.93	
20	07:15	10,238.10	7.19	328	328.0	-25	-10.3	29			PS	3,111.36	
21	08:20	10,952.38	7.19	330	330.0	-25	-10.4	29			PS	3,111.82	
22	09:40	10,952.38	7.21	327	327.0	-25	-10.5	29			PS	3,112.28	
23	07:35	9,761.90	7.19	327	327.0	-25	-10.0	29			PS	3,112.69	
24	07:40	10,952.38	7.19	331	331.0	-25	-10.3	29			PS	3,113.15	
25	07:50	10,476.19	7.21	324	324.0	-25	-10.1	29			PS	3,113.59	
26	08:40	10,714.29	7.21	326	326.0	-25	-9.9	29			PS	3,114.04	
27	09:45	10,952.38	7.21	328	328.0	-25	-10.4	29			PS	3,114.50	
28	08:40	9,761.90	7.21	326	326.0	-25	-10.4	29			PS	3,114.91	
29	08:35	10,476.19	7.24	325	325.0	-25	-10.0	29			PS	3,115.35	
30	07:05	9,761.90	7.24	323	323.0	-25	-10.0	29			PS	3,115.76	
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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	63.00	11/02/2020	7.58	11/02/2020	614.0	11/02/2020	11/09/2020		
2	62.20	11/09/2020	7.65	11/09/2020	587.0	11/09/2020	11/11/2020		
3	62.00	11/16/2020	7.52	11/16/2020	596.0	11/16/2020	11/18/2020		
4	63.00	11/23/2020	7.56	11/23/2020	554.0	11/23/2020	11/30/2020		
5	61.90	11/30/2020	7.52	11/30/2020	587.0	11/30/2020	12/04/2020		

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 4
Date Sample Collected 11/17/2020
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	729,000.000	mg/l
Conductivity	10,100.000	Mmhos
Magnesium	462,000.000	mg/l
Sodium	996,000.000	mg/l
Sulfate	6,040.000	mg/l
Total Alkalinity as CaCO3	998.000	mg/l
Total Dissolved Solids	12,100.000	mg/l