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

Submitted 06/10/2022 **Approved** 06/24/2022 **KOLAR Document ID** 1647389

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	12,043	7.05	333	333	-20.5	-7.2	
Monthly Maximum	19,476	16.07	441	441	5.0	5.1	
Monthly Minimum	7,143	0.00	287	287	-25.0	-12.2	
Monthly Total	373,344						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
441.00	287.00	9.00	-25.00

Comments:

5/20/2022 Differential transducer diaphram cleaned and reset.

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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 3060557	
1	07:20	7,153.10	5.79	313	313.0	-25	-10.2	28			PS	3,360,987.0	
2	07:15	10,000.00	5.81	318	318.0	-25	-10.1	28			PS	3,361,407.0	
3	07:10	10,071.43	5.76	313	313.0	-25	-10.1	28			PS	3,361,830.0	
4	07:10	10,095.24	5.86	311	311.0	-25	-9.9	28			PS	3,362,254.0	
5	07:15	16,142.86	5.86	315	315.0	-25	-10.2	28			PS	3,362,932.0	
6	07:50	10,595.24	5.81	313	313.0	-25	-10.1	28			PB	3,363,377.0	
7	07:35	10,333.33	5.60	333	333.0	-25	-10.1	28			PB	3,363,811.0	
8	07:35	16,595.24	5.86	317	317.0	-25	-10.2	28			PB	3,364,508.0	
9	07:50	10,452.38	16.07	374	374.0	-1	0.9	28			PB	3,364,947.0	
10	07:55	13,261.90	5.95	318	318.0	-25	-10.3	28			PB	3,365,504.0	
11	07:50	16,023.81	13.29	358	358.0	3	4.9	28			PB	3,366,177.0	
12	07:15	11,404.76	5.74	287	287.0	-25	-9.5	28			PS	3,366,656.0	
13	07:30	10,452.38	6.14	325	325.0	-25	-10.3	28			PS	3,367,095.0	
14	07:40	13,833.33	5.86	325	325.0	-25	-10.2	28			FL	3,367,676.0	
15	07:40	10,357.14	6.02	325	325.0	-25	-10.2	28			FL	3,368,111.0	
16	07:45	10,547.62	5.67	372	372.0	-25	-10.3	28			FL	3,368,554.0	
17	07:45	10,309.52	5.95	324	324.0	-25	-10.0	28			FL	3,368,987.0	
18	07:45	17,333.33	13.21	363	363.0	5	5.1	28			FL	3,369,715.0	
19	07:45	13,166.67	0.00	441	441.0	4	3.7	28			FL	3,370,268.0	
20	07:25	10,190.48	5.79	317	317.0	-25	-12.0	28			PS	3,370,696.0	
21	08:30	10,809.52	13.26	357	357.0	5	4.9	28			PS	3,371,150.0	
22	07:50	7,142.86	5.76	370	370.0	-25	-12.2	28			PS	3,371,450.0	
23	07:25	19,476.19	5.76	313	313.0	-25	-12.2	28			PS	3,372,268.0	
24	07:30	10,404.76	6.14	319	319.0	-25	-12.1	28			PS	3,372,705.0	
25	07:05	15,809.52	5.81	310	310.0	-25	-12.1	28			PS	3,373,369.0	
26	07:25	9,547.62	0.00	334	334.0	-25	0.7	28			PS	3,373,770.0	
27	07:30	16,404.76	13.26	355	355.0	-25	4.6	28			PS	3,374,459.0	
28	07:35	10,500.00	5.95	314	314.0	-25	-12.1	28			PB	3,374,900.0	
29	08:20	10,761.90	14.76	368	368.0	-25	-0.8	28			PB	3,375,352.0	
30	08:40	14,000.00	6.07	311	311.0	-25	-11.9	28			PB	3,375,940.0	
31	07:50	10,166.67	5.76	302	302.0	-25	-12.2	28			PB	3,376,367.0	

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	62.50	05/02/2022	7.85	05/02/2022	611.0	05/02/2022	05/10/2022		
2	62.60	05/09/2022	7.56	05/09/2022	650.0	05/09/2022	05/17/2022		
3	66.00	05/16/2022	7.59	05/16/2022	686.0	05/16/2022	05/18/2022		
4	62.40	05/23/2022	7.57	05/23/2022	684.0	05/23/2022	05/26/2022		
5	62.60	05/31/2022	7.55	05/31/2022	678.0	05/31/2022	06/02/2022		

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 2
Date Sample Collected 05/09/2022
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	8,030.000	mg/l
Conductivity	10,800.000	Mmhos
Magnesium	4,870.000	mg/l
Sodium	9,640.000	mg/l
Sulfate	6,690.000	mg/l
Total Alkalinity as CaCO3	1,050.000	mg/l
Total Dissolved Solids	10,800.000	mg/l
Total Suspended Solids	6,100.000	mg/l