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

Submitted 10/21/2020 **Approved** 10/27/2020 **KOLAR Document ID** 1533961

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	11,341	8.27	333	333	-20.5	-8.7	
Monthly Maximum	18,571	19.26	464	464	5.0	4.6	
Monthly Minimum	1,905	0.00	240	240	-25.0	-11.2	
Monthly Total	340,238						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
492.00	216.00	11.00	-25.00

Comments:

Injection well annual test. Well shut in for test duration on September 15th

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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 3073.63	
1	06:45	11,190.48	6.81	346	346.0	-25	-10.5	29			PS	3,074.10	
2	07:20	10,000.00	6.88	343	343.0	-25	-10.7	29			PS	3,074.52	
3	07:50	10,238.10	6.88	344	344.0	-25	-10.8	29			FL	3,074.95	
4	06:10	9,047.62	6.88	343	343.0	-25	-11.2	29			PS	3,075.33	
5	08:00	12,142.86	6.86	346	346.0	-25	-10.6	29			PS	3,075.84	
6	07:05	9,523.81	6.86	347	347.0	-25	-10.5	29			PS	3,076.24	
7	07:20	10,000.00	6.83	347	347.0	-25	-10.6	29			PS	3,076.66	
8	07:30	8,809.52	6.83	343	343.0	-25	-11.1	29			PS	3,077.03	
9	07:30	10,952.38	6.81	333	333.0	-25	-10.9	29			PS	3,077.49	
10	07:50	10,000.00	6.79	340	340.0	-25	-11.0	29			FL	3,077.91	
11	07:30	9,523.81	6.74	343	343.0	-25	-11.1	29			PS	3,078.31	
12	07:15	15,714.29	6.69	340	340.0	-25	-10.5	29			FL	3,078.97	
13	07:20	9,523.81	7.43	349	349.0	-25	-10.7	29			PS	3,079.37	
14	05:55	9,523.81	6.90	342	342.0	-25	-10.8	29			PS	3,079.77	
15	07:10	1,904.76	0.00	464	464.0	-25	-10.4	29			PS	3,079.85	
16	07:30	15,952.38	13.02	240	240.0	0	0.2	29			PS	3,080.52	
17	07:20	18,571.43	12.98	304	304.0	0	0.8	29			PS	3,081.30	
18	07:15	14,047.62	14.83	321	321.0	3	-2.8	29			PS	3,081.89	
19	07:25	15,000.00	6.71	313	313.0	-25	-10.4	29			PS	3,082.52	
20	09:05	11,190.48	7.36	314	314.0	-25	-10.2	29			PS	3,082.99	
21	07:15	9,761.90	7.36	314	314.0	-25	-10.4	29			PS	3,083.40	
22	07:25	13,809.52	6.93	313	313.0	-25	-10.5	29			PS	3,083.98	
23	07:45	10,714.29	13.60	357	357.0	5	4.6	29			PS	3,084.43	
24	06:30	12,380.95	7.10	315	315.0	-25	-10.2	29			PS	3,084.95	
25	07:10	10,714.29	7.33	317	317.0	-25	-10.4	29			PS	3,085.40	
26	07:25	10,476.19	7.33	318	318.0	-25	-10.3	29			FL	3,085.84	
27	07:30	10,714.29	7.43	318	318.0	-25	-10.4	29			FL	3,086.29	
28	07:50	10,714.29	19.26	313	313.0	-25	-10.6	29			FL	3,086.74	
29	07:40	13,809.52	7.21	312	312.0	-25	-10.3	29			PS	3,087.32	
30	07:40	14,285.71	13.50	352	352.0	3	2.1	29			PS	3,087.92	
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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	09/07/2020	7.58	09/07/2020	729.0	09/07/2020	09/11/2020		
2	62.20	09/14/2020	7.65	09/14/2020	710.0	09/14/2020	09/16/2020		
3	62.00	09/21/2020	7.52	09/21/2020	693.0	09/21/2020	09/23/2020		
4	63.00	09/28/2020	7.57	09/28/2020	622.0	09/28/2020	10/05/2020		
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No monthly injectate samples required.