Facility Well Name Lakin #1 **UIC Permit #** KS-05-093-002 **Month** December **Year** 2023

Submitted 01/02/2024 **Approved** 01/25/2024 **KOLAR Document ID** 1743105

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 4,762

			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	921	0.57	154	145	-4.0	-1.9	
Monthly Maximum	1,452	4.57	170	164	4.0	0.8	
Monthly Minimum	24	0.00	140	125	-32.0	-7.7	
Monthly Total	28,548						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
164	125	-0.71	-7.7

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	07:50	1,023.81	4.48	150	130.0	-25	-7.7	30			JG		
2	08:45	1,071.43	0.00	160	153.0	-2	-0.7	30			MM		
3	08:46	1,023.81	0.00	160	154.0	-4	-0.5	30			MM		
4	08:14	1,142.86	0.00	150	152.0	-2	-0.8	30			JG		
5	07:51	285.71	0.00	160	153.0	-2	-0.7	30			DW		
6	08:15	1,357.14	0.00	150	139.0	0	-0.7	30			JG		
7	07:59	1,000.00	0.00	160	151.0	-2	-0.7	30			DW		
8	08:15	976.19	0.00	150	149.0	-2	-0.7	30			JG		
9	07:09	642.86	0.00	150	142.0	0	-0.9	30			JC		
10	08:07	952.38	0.00	170	164.0	-32	0.8	30			JC		
11	08:20	642.86	0.00	160	149.0	-30	0.7	30			DW		
12	08:26	547.62	4.02	150	139.0	-16	-7.7	30			JG		
13	08:02	904.76	0.00	140	131.0	4	-2.8	30			DW		
14	07:57	1,404.76	4.57	140	130.0	-16	-7.7	30			DW		
15	07:51	595.24	0.00	160	146.0	2	-1.3	30			DW		
16	08:18	642.86	0.00	150	144.0	2	-1.3	30			DW		
17	08:33	1,452.38	0.00	160	145.0	2	-1.3	30			DW		
18	08:07	1,142.86	0.00	150	149.0	2	-1.3	30			JG		
19	07:54	23.81	0.00	150	146.0	2	-1.1	30			DW		
20	08:06	928.57	0.00	150	138.0	2	-1.1	30			JG		
21	07:54	952.38	0.00	140	130.0	2	-1.2	30			DW		
22	08:27	976.19	4.52	140	125.0	-21	-7.7	30			CD		
23	06:34	1,047.62	0.00	160	150.0	0	-1.0	30			RV		
24	06:35	1,071.43	0.00	160	151.0	2	-1.3	30			RV		
25	05:58	1,000.00	0.00	160	150.0	2	-1.3	30			RV		
26	06:06	952.38	0.00	160	150.0	2	-1.3	30			RV		
27	08:02	952.38	0.00	160	149.0	2	-1.3	30			DW		
28	09:32	1,071.43	0.00	160	149.0	2	-1.3	30			DW		
29	08:02	452.38	0.00	150	148.0	1	-1.1	29			JG		
30	07:04	1,238.10	0.00	150	141.0	2	-1.3	29			JS		
31	07:05	1,071.43	0.00	150	149.0	0	-1.1	29			JS		

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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	59.72	12/05/2023	8.13	12/05/2023	N/A				
2	57.02	12/12/2023	8.17	12/12/2023	N/A				
3	60.62	12/19/2023	8.11	12/19/2023	N/A				
4	58.28	12/27/2023	8.21	12/27/2023	N/A				
5					N/A				

No monthly injectate samples required.