Facility Well Name Lakin #1 **UIC Permit #** KS-05-093-002 **Month** August **Year** 2022

Submitted 09/01/2022 **Approved** 09/09/2022 **KOLAR Document ID** 1663134

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	2,356	2.49	146	136	-14.4	-6.0	
Monthly Maximum	3,071	3.43	160	153	20.0	-0.1	
Monthly Minimum	1,786	0.00	140	127	-20.0	-7.7	
Monthly Total	73,024						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
153.00	127.00	-0.20	-7.70

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	08:12	1,785.71	3.26	140	137.0	-20	-7.7	32			TL		
2	07:55	1,833.33	3.29	140	129.0	-20	-7.7	32			DW		
3	08:01	2,785.71	3.36	140	128.0	-20	-7.7	32			DW		
4	07:56	2,500.00	3.38	140	128.0	-20	-7.7	32			DW		
5	08:06	2,476.19	3.33	140	127.0	-20	-7.7	32			DW		
6	07:11	2,238.10	3.31	140	129.0	-20	-7.7	32			JS		
7	07:05	2,333.33	3.33	140	128.0	-20	-7.7	32			JS		
8	07:48	2,785.71	3.33	140	130.0	-20	-7.7	32			DW		
9	07:59	2,119.05	0.00	150	138.0	20	-0.2	32			TL		
10	08:04	2,428.57	3.19	140	130.0	-20	-7.7	32			DW		
11	07:57	2,095.24	3.14	140	132.0	-20	-7.7	32			TL		
12	08:28	3,000.00	3.14	140	130.0	-20	-7.7	32			TL		
13	07:42	2,547.62	0.00	140	133.0	2	-0.3	32			TL		
14	08:12	2,166.67	0.00	150	136.0	2	-0.1	32			TL		
15	07:36	2,571.43	3.14	140	131.0	-20	-7.7	32			TL		
16	07:58	2,547.62	0.00	150	135.0	2	-0.2	32			DW		
17	07:51	2,380.95	3.14	150	132.0	-20	-7.7	32			TL		
18	08:07	2,380.95	0.00	150	143.0	2	-0.4	32			DW		
19	08:09	2,333.33	3.12	140	130.0	-20	-7.7	32			DW		
20	07:12	2,119.05	0.00	150	135.0	3	-0.4	32			SH		
21	08:26	1,833.33	3.10	150	135.0	-20	-7.7	32			DW		
22	07:56	2,285.71	3.05	150	137.0	-20	-7.7	32			TL		
23	08:09	2,547.62	3.10	150	139.0	-20	-7.7	32			DW		
24	08:02	2,380.95	2.83	150	138.0	-20	-7.7	32			TL		
25	08:06	2,071.43	2.81	150	140.0	-20	-7.7	32			DW		
26	07:58	3,071.43	3.43	150	137.0	-20	-7.7	32			TL		
27	08:51	1,928.57	3.33	150	145.0	-20	-7.7	32			MM		
28	08:47	2,428.57	3.36	150	147.0	-20	-7.7	32			MM		
29	08:03	2,547.62	3.33	150	145.0	-20	-7.7	32			TL		
30	08:19	2,142.86	0.00	160	153.0	2	-0.2	32			TL		
31	07:53	2,357.14	3.31	160	146.0	-20	-7.7	32			TL		

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Weekly Injectate Samples

Kansas Lab Certificate Number

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	64.58	08/02/2022	8.05	08/02/2022	N/A				
2	64.40	08/09/2022	7.91	08/09/2022	N/A				
3	65.12	08/16/2022	7.99	08/16/2022	N/A				
4	64.04	08/23/2022	8.03	08/23/2022	N/A				
5	64.42	08/30/2022	7.75	08/30/2022	N/A				

No monthly injectate samples required.