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

Submitted 10/02/2023 **Approved** 10/30/2023 **KOLAR Document ID** 1731433

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	1,829	2.01	148	135	-9.5	-4.5	
Monthly Maximum	2,810	4.19	160	146	2.0	-0.9	
Monthly Minimum	905	0.00	130	120	-22.0	-7.7	
Monthly Total	54,857						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
146.00	120.00	-0.91	-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	08:29	2,619.05	4.17	150	132.0	-22	-7.7	32			DW		
2	08:01	2,761.90	4.17	150	132.0	-22	-7.7	32			JC		
3	07:23	2,238.10	4.19	150	137.0	-22	-7.7	32			JC		
4	08:05	2,809.52	4.14	150	131.0	-22	-7.7	32			JC		
5	07:56	2,119.05	4.17	150	136.0	-22	-7.7	32			TL		
6	08:27	2,738.10	4.19	150	133.0	-22	-7.7	32			DW		
7	08:09	2,119.05	0.00	150	139.0	2	-1.1	32			TL		
8	08:23	2,261.90	0.00	150	139.0	2	-1.0	32			DW		
9	07:24	2,142.86	0.00	150	135.0	2	-1.1	32			DW		
10	07:50	2,071.43	4.17	150	135.0	-22	-7.7	32			DW		
11	08:28	1,238.10	4.19	150	137.0	-20	-7.7	32			DW		
12	08:34	1,547.62	4.17	150	138.0	-22	-7.7	32			TL		
13	08:23	1,857.14	0.00	160	146.0	2	-1.4	32			DW		
14	08:22	1,119.05	0.00	150	143.0	2	-1.2	32			TL		
15	08:28	904.76	3.64	150	137.0	-20	-7.7	32			DW		
16	06:53	1,476.19	0.00	150	146.0	2	-1.6	32			RV		
17	06:40	1,047.62	0.00	150	145.0	2	-1.4	32			RV		
18	08:23	1,619.05	3.60	150	138.0	-20	-7.7	32			DW		
19	08:31	1,500.00	4.07	150	133.0	-20	-7.7	32			TL		
20	08:28	1,904.76	3.69	140	123.0	-20	-7.7	32			DW		
21	08:19	1,333.33	0.00	140	127.0	2	-0.9	32			TL		
22	08:33	1,690.48	0.00	130	120.0	2	-1.1	32			DW		
23	07:06	1,738.10	0.00	140	133.0	2	-1.3	32			JS		
24	07:03	1,261.90	0.00	150	139.0	2	-1.5	32			JS		
25	08:31	2,023.81	0.00	150	139.0	2	-1.4	32			DW		
26	08:28	2,309.52	4.12	150	131.0	-20	-7.7	32			TL		
27	08:14	1,380.95	0.00	150	139.0	2	-1.3	32			TL		
28	08:26	1,595.24	3.67	140	130.0	-20	-7.7	32			DW		
29	08:31	1,809.52	0.00	150	134.0	2	-1.0	32			DW		
30	09:25	1,619.05	0.00	150	137.0	2	-0.9	32			TL		
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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	65.30	09/05/2023	8.06	09/05/2023	N/A				
2	63.14	09/12/2023	8.08	09/12/2023	N/A				
3	63.50	09/19/2023	8.11	09/19/2023	N/A				
4	63.14	09/26/2023	7.79	09/26/2023	N/A				
5					N/A				

No monthly injectate samples required.