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

Submitted 08/04/2023 **Approved** 08/30/2023 **KOLAR Document ID** 1724609

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	1,621	1.97	146	135	-10.8	-4.2	
Monthly Maximum	2,857	4.17	160	148	2.0	-0.4	
Monthly Minimum	762	0.00	120	113	-24.0	-7.7	
Monthly Total	50,262						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
148	113	-0.37	-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	08:57	1,500.00	0.00	150	142.0	2	-0.5	32			MM		
2	08:49	952.38	0.00	150	144.0	2	-0.5	32			MM		
3	08:33	1,261.90	3.83	150	138.0	-20	-7.7	32			DW		
4	08:57	1,309.52	0.00	160	147.0	2	-0.4	32			DW		
5	08:39	761.90	3.83	150	135.0	-22	-7.7	32			TL		
6	08:30	1,595.24	0.00	160	147.0	2	-0.6	32			DW		
7	08:36	1,071.43	0.00	160	148.0	2	-0.6	32			DW		
8	08:22	880.95	0.00	150	148.0	2	-0.5	32			SH		
9	08:58	880.95	3.83	140	126.0	-20	-7.7	32			SH		
10	08:29	1,833.33	0.00	140	127.0	2	-0.6	32			DW		
11	08:37	1,023.81	0.00	140	128.0	2	-0.5	32			DW		
12	07:54	1,190.48	0.00	140	126.0	0	-0.4	32			TL		
13	08:26	1,857.14	0.00	120	113.0	1	-0.4	32			DW		
14	08:00	1,571.43	4.14	140	127.0	-22	-7.7	33			CD		
15	08:46	2,309.52	0.00	140	143.0	2	-0.5	33			JC		
16	09:40	1,571.43	4.17	140	129.0	-22	-7.7	33			JC		
17	08:29	2,857.14	4.12	140	131.0	-22	-7.7	32			DW		
18	08:23	2,095.24	4.14	150	133.0	-22	-7.7	32			TL		
19	08:21	2,119.05	0.00	150	141.0	0	-0.4	32			DW		
20	08:27	1,738.10	3.57	140	132.0	-22	-7.7	32			DW		
21	08:37	1,571.43	0.00	150	139.0	2	-0.6	32			DW		
22	08:08	1,238.10	0.00	150	142.0	2	-0.6	32			DW		
23	07:53	1,333.33	0.00	150	141.0	2	-0.6	32			DW		
24	08:06	1,380.95	3.60	140	130.0	-24	-7.7	32			DW		
25	07:58	1,833.33	4.02	150	139.0	-22	-7.7	32			TL		
26	07:53	2,142.86	3.64	140	129.0	-24	-7.7	32			DW		
27	08:02	1,690.48	3.62	140	126.0	-24	-7.7	32			DW		
28	08:20	2,119.05	3.62	140	129.0	-24	-7.7	32			TL		
29	07:19	2,500.00	3.62	150	132.0	-23	-7.7	32			RV		
30	07:16	1,738.10	3.62	150	137.0	-23	-7.7	32			RV		
31	08:04	2,333.33	3.64	150	133.0	-24	-7.7	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		07/04/2023		07/04/2023	N/A				
2	67.46	07/11/2023	7.90	07/11/2023	N/A				
3	64.94	07/18/2023	8.08	07/18/2023	N/A				
4					N/A				
5					N/A				

No monthly injectate samples required.