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

Submitted 08/01/2022 **Approved** 08/10/2022 **KOLAR Document ID** 1658506

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	2,388	2.97	143	131	-19.7	-7.7	
Monthly Maximum	3,119	3.33	160	143	-18.0	-7.7	
Monthly Minimum	1,357	2.55	130	120	-20.0	-7.7	
Monthly Total	74,024						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
143.00	120.00	-11.00	-11.00

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	08:25	2,523.81	2.69	140	131.0	-18	-7.7	32			TL		
2	08:24	1,785.71	2.57	140	132.0	-18	-7.7	32			SH		
3	09:12	2,380.95	2.69	140	131.0	-18	-7.7	32			SH		
4	07:36	1,785.71	2.55	140	131.0	-18	-7.7	32			SH		
5	08:16	2,571.43	2.69	140	132.0	-20	-7.7	32			TL		
6	08:38	2,595.24	2.69	140	133.0	-20	-7.7	32			DW		
7	08:33	2,547.62	2.71	150	135.0	-20	-7.7	32			TL		
8	08:38	2,500.00	2.62	150	133.0	-20	-7.7	32			TL		
9	08:26	2,190.48	2.62	150	139.0	-20	-7.7	32			TL		
10	08:35	2,142.86	2.55	140	132.0	-20	-7.7	32			TL		
11	08:33	2,523.81	2.55	150	134.0	-20	-7.7	32			TL		
12	08:45	2,547.62	2.67	150	136.0	-20	-7.7	32			DW		
13	08:14	2,857.14	2.74	150	135.0	-20	-7.7	32			TL		
14	07:31	3,119.05	3.26	160	137.0	-20	-7.7	32			TL		
15	08:48	3,119.05	3.24	150	143.0	-20	-7.7	32			DW		
16	09:00	3,119.05	3.24	150	141.0	-20	-7.7	32			MM		
17	08:44	2,238.10	3.26	150	142.0	-20	-7.7	32			MM		
18	07:50	2,500.00	3.24	140	136.0	-20	-7.7	32			TL		
19	08:08	2,452.38	3.19	130	121.0	-20	-7.7	32			DW		
20	07:47	3,095.24	3.31	130	120.0	-20	-7.7	32			TL		
21	07:59	3,023.81	3.31	140	126.0	-20	-7.7	32			DW		
22	08:08	2,952.38	3.07	140	127.0	-20	-7.7	32			TL		
23	09:44	2,547.62	3.05	140	124.0	-20	-7.7	32			DW		
24	08:27	2,547.62	3.07	140	125.0	-20	-7.7	32			DW		
25	07:50	2,357.14	3.00	140	126.0	-20	-7.7	32			TL		
26	08:18	1,833.33	3.07	140	130.0	-20	-7.7	32			DW		
27	07:59	1,619.05	3.33	140	122.0	-20	-7.7	32			TL		
28	07:48	1,738.10	3.33	140	125.0	-20	-7.7	32			TL		
29	07:46	1,547.62	3.29	140	127.0	-20	-7.7	32			TL		
30	07:31	1,904.76	3.29	140	130.0	-19	-7.7	32			RV		
31	07:29	1,357.14	3.29	140	126.0	-20	-7.7	32			RV		

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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									
2	65.30	07/12/2022	8.04	07/12/2022					
3	64.04	07/19/2022	8.05	07/19/2022					
4	68.00	07/26/2022	8.02	07/26/2022					
5									

No monthly injectate samples required.