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

Submitted 06/07/2022 **Approved** 06/09/2022 **KOLAR Document ID** 1646748

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	2,323	1.95	155	144	-14.8	-6.5	
Monthly Maximum	3,214	2.71	180	170	18.0	-0.1	
Monthly Minimum	381	0.00	140	132	-22.0	-7.7	
Monthly Total	72,000						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
170.00	132.00	8.00	-12.00

Comments:

Lakin #1 05/2022

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	07:54	2,142.86	2.26	140	133.0	-20	-7.7	32			DW		
2	08:34	1,571.43	0.00	150	143.0	2	-0.1	32			TL		
3	07:46	1,404.76	0.00	160	148.0	2	-0.2	32			TL		
4	08:45	2,000.00	2.40	140	132.0	-22	-7.7	32			DW		
5	08:41	1,190.48	0.00	160	146.0	2	-0.2	32			TL		
6	08:34	2,738.10	2.36	140	132.0	-22	-7.7	32			TL		
7	07:09	2,190.48	2.36	150	142.0	-22	-7.7	32			RV		
8	07:01	2,761.90	2.33	150	134.0	-20	-7.7	32			RV		
9	08:36	2,833.33	2.38	140	132.0	-22	-7.7	32			TL		
10	09:04	2,761.90	2.29	150	134.0	-22	-7.7	32			DW		
11	08:36	2,785.71	2.38	140	133.0	-22	-7.7	32			TL		
12	08:42	2,785.71	2.33	140	133.0	-22	-7.7	32			DW		
13	09:01	2,880.95	2.45	150	134.0	-22	-7.7	32			DW		
14	07:05	2,928.57	2.40	150	133.0	-22	-7.7	32			JS		
15	07:05	2,952.38	2.48	150	134.0	-22	-7.7	32			JS		
16	08:51	3,166.67	2.52	150	133.0	-20	-7.7	32			DW		
17	08:31	3,214.29	2.71	150	140.0	-18	-7.7	32			DW		
18	08:36	3,214.29	2.69	150	136.0	-20	-7.7	32			TL		
19	08:34	2,404.76	2.55	160	147.0	-18	-7.7	32			TL		
20	08:38	3,047.62	2.62	170	161.0	-16	-7.7	32			TL		
21	08:57	880.95	0.00	180	170.0	4	-0.5	32			TL		
22	08:53	380.95	0.00	160	150.0	-16	-7.7	32			TL		
23	08:33	2,095.24	1.29	170	152.0	-18	-7.7	32			TL		
24	08:56	1,023.81	0.00	170	163.0	6	-0.5	32			DW		
25	08:51	1,880.95	2.38	160	153.0	-16	-7.7	32			DW		
26	08:27	2,000.00	2.67	160	152.0	-18	-7.7	32			TL		
27	08:30	2,428.57	2.57	160	150.0	18	-7.7	32			TL		
28	08:22	2,619.05	2.50	160	151.0	-18	-7.7	32			SH		
29	09:00	2,690.48	2.55	160	150.0	-18	-7.7	32			SH		
30	08:26	2,928.57	2.43	160	151.0	-18	-7.7	32			SH		
31	08:43	2,095.24	2.40	160	150.0	-18	-7.7	32			TL		

Lakin #1 05/2022

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	61.34	05/03/2022	7.95	05/03/2022	N/A				
2	62.06	05/10/2022	7.59	05/10/2022	N/A				
3	68.90	05/17/2022	7.94	05/17/2022	N/A				
4	60.26	05/24/2022	8.08	05/24/2022	N/A				
5	61.16	05/31/2022	8.01	05/31/2022	N/A				

No monthly injectate samples required.