Facility Well Name Lakin #1 **UIC Permit #** KS-05-093-002 **Month** July **Year** 2020

Submitted 08/04/2020 **Approved** 08/18/2020 **KOLAR Document ID** 1525696

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 7,143

			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	1,786	1.91	148	138	-19.9	-6.0	
Monthly Maximum	2,857	2.98	160	147	0.0	-0.1	
Monthly Minimum	905	0.00	140	133	-26.0	-7.7	
Monthly Total	55,381						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
147.00	133.00	-0.13	-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	08:25	2,309.52	2.38	140	135.0	-26	-7.7	32			TL		
2	07:52	2,738.10	2.50	140	134.0	-26	-7.7	32			TL		
3	06:50	2,857.14	2.98	150	136.0	-24	-7.7	32			RV		
4	06:45	2,595.24	2.90	150	135.0	-24	-7.7	32			RV		
5	06:35	2,119.05	2.86	145	133.0	-25	-7.7	32			RV		
6	08:39	1,666.67	2.33	140	133.0	-24	-7.7	32			DW		
7	08:56	2,571.43	2.69	150	141.0	-26	-7.7	32			DW		
8	08:33	2,619.05	2.69	150	141.0	-26	-7.7	32			DW		
9	08:34	2,642.86	2.76	150	139.0	-26	-7.7	32			DW		
10	08:32	2,452.38	2.83	150	139.0	-26	-7.7	32			DW		
11	07:00	2,309.52	2.43	150	140.0	-26	-7.7	32			JS		
12	07:03	2,333.33	2.40	150	140.0	-26	-7.7	32			JS		
13	08:10	1,785.71	2.40	150	140.0	-26	-7.7	32			TL		
14	08:45	1,904.76	1.98	150	138.0	-26	-7.7	32			DW		
15	08:55	1,571.43	1.98	150	140.0	-26	-7.7	32			DW		
16	08:47	1,309.52	2.07	150	136.0	-26	-7.7	32			DW		
17	09:06	904.76	2.00	140	133.0	-26	-7.7	32			DW		
18	09:03	976.19	2.62	150	134.0	-26	-7.7	32			TL		
19	08:50	1,000.00	2.12	140	136.0	-26	-7.7	32			TL		
20	08:50	1,047.62	2.69	140	135.0	-26	-7.7	32			TL		
21	08:48	1,595.24	2.19	150	137.0	-26	-7.7	32			TL		
22	08:42	1,214.29	2.76	140	135.0	-26	-7.7	32			DW		
23	08:51	2,095.24	2.19	140	135.0	-26	-7.7	32			DW		
24	08:54	1,928.57	2.36	140	136.0	-26	-7.7	32			TL		
25	07:36	1,761.90	0.00	160	140.0	0	-0.1	32			SH		
26	08:14	1,785.71	0.00	160	142.0	0	-0.1	32			SH		
27	08:31	1,261.90	0.00	150	147.0	0	-0.1	32			DW		
28	09:02	1,071.43	0.00	150	145.0	0	-0.1	32			DW		
29	08:35	1,047.62	0.00	150	146.0	0	-0.1	32			DW		
30	08:34	904.76	0.00	150	146.0	0	-0.1	32			DW		
31	08:30	1,000.00	0.00	150	146.0	0	-0.2	32			DW		

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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	07/07/2020	7.63	07/07/2020					
3	64.40	07/14/2020	7.93	07/07/2020					
4	65.12	07/21/2020	7.98	07/21/2020					
5	71.42	07/28/2020	7.96	07/28/2020					

No monthly injectate samples required.