Facility Well Name Lakin #1 **UIC Permit #** KS-05-093-002 **Month** February **Year** 2021

Submitted 03/03/2021 **Approved** 03/17/2021 **KOLAR Document ID** 1562702

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 28

Barrels per Day Maximum: 7,143

	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Annulus Pressure psig min 60 Gauge psig	Annulus Pressure Cont. Record psig	Injection Pressure Gauge psig	Injection Pressure Cont. Record psig	Amount Added to Seal Pot
Monthly Average	827	0.81	133	122	-20.9	-5.3	
Monthly Maximum	1,500	1.83	150	141	0.0	0.1	
Monthly Minimum	119	0.00	120	105	-30.0	-7.7	
Monthly Total	23,167						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
141.00	105.00	0.04	-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	08:39	666.67	0.00	140	126.0	-2	-0.1	31			DW		
2	08:45	666.67	0.00	130	118.0	-2	-0.1	31			TL		
3	08:41	833.33	1.69	130	112.0	-28	-7.7	31			DW		
4	08:34	738.10	1.74	130	115.0	-28	-7.7	31			TL		
5	08:39	738.10	1.74	120	115.0	-28	-7.7	31			DW		
6	07:05	642.86	1.76	120	114.0	-28	-7.7	31			JS		
7	07:22	1,071.43	0.00	140	135.0	-2	-0.1	31			JS		
8	08:42	119.05	0.00	150	141.0	-8	-0.1	31			DW		
9	08:58	666.67	0.60	120	116.0	-28	-7.7	31			TL		
10	08:43	1,119.05	0.64	130	118.0	-28	-7.7	31			DW		
11	08:45	309.52	0.00	140	138.0	0	-0.3	31			TL		
12	08:42	1,214.29	0.69	130	118.0	-28	-7.7	31			DW		
13	08:57	214.29	0.00	140	137.0	0	-0.3	31			TL		
14	09:18	1,238.10	0.55	130	122.0	-26	-7.7	31			TL		
15	09:13	404.76	0.00	140	134.0	-14	0.1	31			TL		
16	08:34	714.29	0.57	130	118.0	-30	-7.7	31			TL		
17	09:09	1,071.43	0.74	130	117.0	-30	-7.7	31			TL		
18	08:43	1,500.00	0.64	130	121.0	-30	-7.7	31			DW		
19	08:40	761.90	0.00	140	126.0	-2	0.0	31			DW		
20	07:53	880.95	0.62	140	124.0	-30	-7.7	31			SH		
21	07:53	1,119.05	1.29	140	117.0	-30	-7.7	31			SH		
22	08:38	1,380.95	1.76	130	115.0	-30	-7.7	31			TL		
23	08:43	880.95	1.71	120	108.0	-28	-7.7	31			DW		
24	08:41	1,023.81	1.83	120	105.0	-30	-7.7	30			TL		
25	08:39	761.90	1.71	140	125.0	-30	-7.7	30			DW		
26	08:50	1,309.52	1.71	130	125.0	-30	-7.7	31			TL		
27	08:59	380.95	0.00	150	137.0	-4	-0.1	31			MM		
28	08:49	738.10	0.71	130	125.0	-30	-7.7	31			MM		
29													
30													
31													

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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	56.48	02/02/2021	8.11	02/02/2021	N/A				
2	54.14	02/09/2021	8.17	02/09/2021	N/A				
3	55.58	02/16/2021	8.23	02/16/2021	N/A				
4	62.42	02/23/2021	8.13	02/23/2021	N/A				
5					N/A				

No monthly injectate samples required.