Facility Well Name Northern (Bushton) #1 **UIC Permit #** KS-01-159-003 **Month** February **Year** 2024

Submitted 03/25/2024 **Approved** 03/28/2024 **KOLAR Document ID** 1769453

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 14

Barrels per Day Maximum: 3,840

			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	95	1.21	147	145	-27.0	-24.7	
Monthly Maximum	409	1.21	151	150	-22.0	-21.0	
Monthly Minimum	0	1.21	140	139	-28.0	-26.0	
Monthly Total	2,742						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
		-20.00	-26.20

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	12:30	263.64		142	140.9	-28	-25.5	4	N/A		LM		
2	09:25	219.90		145	141.8	-28	-25.0	4	N/A		LM		
3	15:41	408.81		140	140.9	-28	-25.0	5	N/A		LM		
4	09:28	246.07	1.21	140	139.4	-28	-25.0	5	N/A		LM		
5	08:31	246.05		142	140.8	-28	-25.0	5	N/A		LM		
6	10:19	295.81	1.21	142	139.6	-25	-26.0	3	N/A		LM		
7	13:02	322.52	1.21	142	139.5	-28	-25.0	4	N/A		LM		
8	17:22	374.26		141	140.2	-28	-25.0	5	N/A		DJ		
9	08:00	160.64		145	143.7	-28	-25.0	5	N/A		DJ		
10	11:32	70.21		146	145.2	-28	-25.0	5	N/A		DJ		
11	09:15	0.00		148	147.0	-27	-25.0	5	N/A		GA		
12	02:03	24.76		145	144.8	-28	-26.0	5	N/A		DJ		
13	07:35	0.00		150	148.8	-28	-25.0	5	N/A		DJ		
14	08:43	0.00		148	146.7	-28	-25.0	5	N/A		DJ		
15	16:00	0.00		148	146.8	-28	-25.0	5	N/A		LM		
16	10:00	0.00		148	147.5	-26	-24.0	5	N/A		DR		
17	15:15	0.00		141	145.5	-22	-22.0	5	N/A		LM		
18	14:40	0.00		148	146.3	-22	-21.0	5	N/A		LM		
19	14:20	9.83		150	147.0	-28	-26.0	5	N/A		LM		
20	09:22	0.00		150	148.0	-28	-26.0	5	N/A		LM		
21	08:00	0.00		150	148.0	-28	-25.0	5	N/A		LM		
22	06:38	0.00		151	149.0	-27	-25.0	5	N/A		DJ		
23	12:20	0.00		150	149.0	-28	-25.0	5	N/A		DJ		
24	08:44	0.00		151	150.0	-28	-24.0	5	N/A		DJ		
25	09:16	0.00		150	148.0	-28	-24.0	5	N/A		DJ		
26	08:34	0.00		150	148.0	-24	-24.0	5	N/A		DJ		
27	07:37	10.19		151	149.0	-27	-25.0	5	N/A		DJ		
28	09:35	0.00		151	150.0	-24	-23.0	5	N/A		DJ		
29	15:43	89.67		151	146.0	-28	-26.0	4	N/A		LM		
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	62.00	02/05/2024	7.83	02/05/2024	N/A				
2	62.00	02/12/2024	7.80	02/12/2024	N/A				
3	59.00	02/19/2024	7.26	02/19/2024	N/A				
4	59.00	02/26/2024	6.90	02/26/2024	N/A				
5					N/A				

No monthly injectate samples required.