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

Submitted 02/26/2024 **Approved** 03/04/2024 **KOLAR Document ID** 1761503

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	221	0.13	139	137	-28.1	-25.8	0
Monthly Maximum	478	1.24	144	142	-28.0	-24.0	0
Monthly Minimum	0	0.00	130	130	-29.0	-26.0	0
Monthly Total	6,838						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
		-26.5	-24.3

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	10:19	159.60	0.00	140	139.2	-28	-26.0	5	N	0	DJ		
2	16:24	249.76	0.00	137	136.0	-28	-26.0	5	N	0	DJ		
3	09:13	79.33	0.00	140	140.0	-28	-26.0	5	N	0	DJ		
4	16:00	60.88	0.00	140	139.0	-28	-26.0	5	N	0	LM		
5	09:44	285.64	1.21	139	138.0	-28	-26.0	4	N	0	LM		
6	09:45	84.31	0.00	139	139.0	-28	-26.0	5	N	0	LM		
7	10:53	268.52	0.00	140	140.0	-28	-26.0	5	N	0	LM		
8	13:42	167.57	0.00	141	141.0	-28	-25.0	5	N	0	LM		
9	13:45	210.90	0.00	140	138.0	-28	-25.0	5	N	0	LM		
10	08:30	176.14	0.00	140	138.0	-29	-26.0	5	N	0	TM		
11	16:17	205.05	0.00	140	137.0	-28	-25.0	5	N	0	DJ		
12	16:32	185.00	0.00	141	140.0	-28	-25.0	5	N	0	DJ		
13	07:27	156.07	0.00	134	132.0	-28	-26.0	5	N	0	DJ		
14	09:54	230.29	1.21	130	130.0	-29	-26.0	5	N	0	DJ		
15	10:25	162.90	0.00	138	137.0	-28	-26.0	5	N	0	DJ		
16	11:42	241.21	0.00	135	135.0	-28	-24.0	5	N	0	DJ		
17	13:30	253.76	0.00	140	139.0	-28	-25.0	5	N	0	DJ		
18	11:00	242.86	0.33	135	133.0	-28	-26.0	5	N	0	LM		
19	14:23	0.00	0.00	135	135.0	-28	-26.0	5	N	0	LM		
20	15:27	478.12	0.00	139	137.0	-28	-26.0	3	N	0	LM		
21	10:07	19.00	0.00	141	139.0	-28	-26.0	4	N	0	LM		
22	11:00	474.83	0.00	135	135.0	-28	-26.0	5	N	0	LM		
23	13:04	257.10	0.00	140	139.0	-28	-26.0	5	N	0	LM		
24	14:15	327.40	0.00	137	135.0	-28	-26.0	5	N	0	LM		
25	16:35	244.21	0.00	141	141.0	-28	-26.0	5	N	0	DJ		
26	11:14	253.69	0.00	137	136.0	-28	-26.0	5	N	0	DJ		
27	12:13	241.62	0.00	141	141.0	-29	-26.0	5	N	0	DJ		
28	12:22	321.64	0.00	139	137.0	-28	-26.0	5	N	0	DJ		
29	09:53	240.02	0.00	138	136.0	-28	-26.0	5	N	0	DJ		
30	13:31	316.02	1.24	138	137.0	-28	-26.0	5	N	0	DJ		
31	15:40	244.33	0.00	144	142.0	-28	-26.0	4	N	0	AJR		

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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	59.00	01/02/2024	7.99	01/02/2024	N/A				
2	60.00	01/08/2024	7.68	01/08/2024	N/A				
3	52.00	01/16/2024	7.48	01/16/2024	N/A				
4	57.00	01/22/2024	7.41	01/22/2024	N/A				
5	62.00	01/29/2024	7.62	01/29/2024	N/A				

No monthly injectate samples required.