Facility Well Name Northern (Bushton) #1 **UIC Permit #** KS-01-159-003 **Month** October **Year** 2023

Submitted 11/15/2023 **Approved** 11/28/2023 **KOLAR Document ID** 1737467

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 26

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	76	1.20	134	133	-28.0	-25.9	0
Monthly Maximum	248	1.21	139	138	-27.0	-25.0	0
Monthly Minimum	0	1.19	128	127	-29.0	-26.0	0
Monthly Total	2,346						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
140.30	126.50	-24.80	-26.40

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	08:37	87.69		137	135.5	-29	-26.0	4	N	0	LM		
2	09:00	0.00		137	135.6	-29	-26.0	5	N	0	LM		
3	13:30	82.76		138	135.7	-28	-26.0	4	N	0	LM		
4	10:50	40.02	1.19	134	132.1	-27	-26.0	4	N	0	LM		
5	09:32	30.93		135	134.3	-28	-26.0	5	N	0	DJ		
6	11:18	70.57		135	133.5	-28	-26.0	5	N	0	DJ		
7	07:15	70.31		135	134.6	-28	-26.0	5	N	0	DJ		
8	11:05	70.38		133	132.5	-28	-26.0	5	N	0	DJ		
9	13:25	0.00		139	137.5	-28	-26.0	5	N	0	DJ		
10	11:30	87.98		132	132.4	-28	-26.0	5	N	0	DJ		
11	15:32	70.19		137	136.1	-27	-25.0	5	N	0	DJ		
12	15:35	0.00		137	136.1	-28	-26.0	5	N	0	LM		
13	14:15	140.71		138	133.2	-28	-26.0	5	N	0	LM		
14	06:53	70.71		130	130.4	-28	-26.0	6	N	0	LM		
15	08:32	70.90		128	127.0	-28	-26.0	5	N	0	LM		
16	08:21	0.00		128	130.6	-28	-26.0	5	N	0	LM		
17	14:43	145.48		135	130.6	-28	-26.0	5	N	0	LM		
18	13:12	55.19	1.19	132	135.0	-28	-26.0	4	N	0	LM		
19	09:19	15.38		134	131.4	-28	-26.0	5	N	0	DJ		
20	12:31	140.52		134	133.6	-28	-26.0	5	N	0	DJ		
21	16:30	70.19		135	133.9	-28	-26.0	5	N	0	DJ		
22	10:27	0.00		135	135.0	-28	-26.0	5	N	0	DJ		
23	11:41	131.14	1.19	135	133.8	-28	-25.0	5	N	0	DJ		
24	07:55	9.93		138	137.4	-28	-26.0	5	N	0	DJ		
25	07:53	141.38		136	135.6	-28	-26.0	5	N	0	DJ		
26	16:20	141.86		138	136.9	-28	-25.0	5	N	0	LM		
27	07:53	247.86		130	129.5	-28	-26.0	4	N	0	LM		
28	09:05	71.29		130	129.1	-28	-26.0	4	N	0	LM		
29	09:50	71.33		134	134.7	-28	-25.0	4	N	0	LM		
30	08:38	89.88	1.21	134	132.8	-28	-26.0	5	N	0	LM		
31	09:15	121.36	1.21	133	131.9	-28	-26.0	4	N	0	LM		

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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	70.00	10/02/2023	9.37	10/02/2023	N/A				
2	67.00	10/10/2023	6.92	10/10/2023	N/A				
3	65.00	10/16/2023	7.55	10/16/2023	N/A				
4	71.00	10/24/2023	7.60	10/24/2023	N/A				
5	65.00	10/30/2023	7.70	10/30/2023	N/A				

No monthly injectate samples required.