Facility Well Name CHS Conway #2 **UIC Permit #** KS-01-113-014 **Month** December **Year** 2022

Submitted 01/18/2023 **Approved** 01/25/2023 **KOLAR Document ID** 1681065

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 3

Barrels per Day Maximum: 16,000

			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	3	0.00	90	90	8.4	7.6	
Monthly Maximum	62	0.05	110	110	14.0	13.3	
Monthly Minimum	0	0.00	44	44	1.0	0.6	
Monthly Total	102						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
119.04	43.01	14.58	0.22

Comments:

Due to frigid weather, the annulus pressure recorders on both the local gauge and continuous recorder froze. This temporarily resulted in readings below permit limits. However, it is important to note that no water was directed to the well during the time the readings were below 60 psig.

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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	07:00	0.00	0.00	98	96.9	13	12.8	12			MJ		
2	07:00	0.00	0.00	94	93.2	14	12.8	12			MJ		
3	07:00	0.00	0.00	90	89.1	13	12.7	12			MC		
4	07:00	0.00	0.00	90	89.1	13	12.7	12			MC		
5	07:00	0.00	0.00	86	86.5	14	12.2	12			TA		
6	07:00	0.00	0.00	88	88.0	14	12.8	12			TA		
7	07:00	0.33	0.00	88	87.8	14	13.3	12			TA		
8	07:00	0.00	0.00	86	85.6	14	13.0	12			TA		
9	07:00	62.05	0.05	88	88.8	8	7.3	12			TA		
10	07:00	0.00	0.00	87	86.7	8	7.4	12			AS		
11	07:00	0.00	0.00	90	89.1	8	7.4	12			AS		
12	07:00	0.00	0.00	88	87.4	8	7.4	13			TA		
13	07:00	0.00	0.00	84	84.1	8	7.5	13			TA		
14	07:00	0.00	0.00	90	89.0	8	7.3	13			TA		
15	07:00	0.00	0.00	89	89.0	8	7.3	13			TA		
16	07:00	0.00	0.00	90	89.9	8	7.3	13			TA		
17	07:00	0.00	0.00	90	92.0	8	7.2	13			RB		
18	07:00	0.00	0.00	92	94.0	8	7.3	13			RB		
19	07:00	0.00	0.00	90	90.2	8	7.3	13			TA		
20	07:00	0.00	0.00	106	106.3	8	7.2	13			TA		
21	07:00	0.00	0.00	110	110.1	8	7.2	13			TA		
22	07:00	0.00	0.00	110	96.5	8	6.9	13			TA		
23	07:00	0.00	0.00	104	105.1	8	7.0	13			TA		
24	07:00	0.00	0.00	44	44.0	8	7.0	13			GE		
25	07:00	0.00	0.00	92	94.0	7	7.1	13			GE		
26	07:00	0.00	0.00	90	89.6	8	7.0	13			TA		
27	07:00	39.76	0.02	97	96.5	2	0.6	13			TA		
28	07:00	0.00	0.00	94	92.8	2	0.6	13			TA		
29	07:00	0.00	0.00	88	88.5	2	0.6	13			TA		
30	07:00	0.00	0.00	86	85.6	2	0.6	13			TA		
31	07:00	0.00	0.00	84	84.7	1	0.6	12			MC		

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Weekly Injectate Samples

Kansas Lab Certificate Number E-10116

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2	58.00	12/08/2022	6.70	12/08/2022	13,100.0	12/08/2022	12/23/2022		
3									
4									
5									

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter 4
Date Sample Collected 12/08/2022
Kansas Lab Certificate Number E-10116
Lab Name Pace Analytical-Lenexa

These samples shall be representative of injection activity and shall therefore be collected on days of injection.

Constituent	Value	Units
Calcium	850.000	mg/l
Conductivity	24.000	Mmhos
Iron	2.220	mg/l
Magnesium	308.000	mg/l
Sulfate	387.000	mg/l
Total Alkalinity as CaCO3	278.000	mg/l
Total Dissolved Solids	14,100.000	mg/l
Total Hardness as CaCO3	3,390.000	mg/l