Facility Well Name Redbarn #1 **UIC Permit #** KS-01-009-001 **Month** August **Year** 2022

Submitted 09/28/2022 **Approved** 09/29/2022 **KOLAR Document ID** 1667003

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 35,714

	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	1,732	4.43	72	72	21.7	-21.8	0
Monthly Maximum	2,978	7.88	81	81	25.0	-18.6	0
Monthly Minimum	182	0.00	63	64	19.0	-24.6	0
Monthly Total	53,683						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
81.00	63.85	-18.62	-24.63

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	10:57	2,578.60	5.12	80	80.2	19	-19.7	35	N/A	0	SB		
2	08:20	1,341.52	5.05	79	76.7	22	-22.3	35	N/A	0	SB		
3	08:46	2,298.31	5.40	80	77.2	22	-21.3	35	N/A	0	SB		
4	11:27	1,751.60	4.93	79	78.2	21	-20.9	35	N/A	0	SB		
5	13:48	2,109.05	4.48	81	80.4	19	-18.6	35	N/A	0	SB		
6	11:30	2,197.26	7.88	79	81.0	20	-20.1	34	N/A	0	SB		
7	10:53	1,801.38	0.00	78	77.6	20	-20.0	35	N/A	0	SB		
8	10:51	1,939.43	5.52	74	74.8	23	-23.5	35	N/A	0	SB		
9	09:00	1,751.76	5.67	77	73.1	23	-22.8	35	N/A	0	SB		
10	08:23	1,249.50	5.00	75	72.3	23	-22.7	36	N/A	0	SB		
11	05:15	1,929.29	5.69	75	68.2	25	-24.6	35	N/A	0	SB		
12	13:07	2,696.62	5.76	72	75.0	19	-19.6	35	N/A	0	SB		
13	09:03	2,042.36	5.10	69	72.0	22	-21.7	35	N/A	0	SB		
14	11:00	1,357.31	0.00	72	74.7	19	-19.5	35	N/A	0	SB		
15	09:54	2,558.14	5.69	74	73.8	20	-20.6	35	N/A	0	SB		
16	08:30	610.74	5.48	68	67.7	24	-23.9	34	N/A	0	SB		
17	13:25	2,062.90	5.79	67	68.6	23	-23.4	34	N/A	0	SB		
18	14:02	1,216.81	0.00	69	70.7	21	-21.2	35	N/A	0	SB		
19	08:12	182.00	5.60	66	66.2	24	-23.9	35	N/A	0	SB		
20	09:04	1,464.05	0.00	65	67.4	23	-23.3	35	N/A	0	SB		
21	09:10	2,977.67	0.00	65	67.6	23	-23.0	35	N/A	0	SB		
22	10:16	1,233.07	5.83	68	69.1	22	-21.9	35	N/A	0	SB		
23	08:31	685.86	5.81	68	66.7	23	-23.2	35	N/A	0	SB		
24	09:16	2,246.12	5.74	68	67.8	22	-22.1	34	N/A	0	SB		
25	07:11	1,289.33	5.36	70	63.9	24	-24.1	35	N/A	0	SB		
26	00:10	1,605.26	6.12	69	71.1	21	-20.5	36	N/A	0	SB		
27	09:23	1,870.33	5.24	63	64.7	24	-23.5	35	N/A	0	SB		
28	10:41	1,697.50	0.00	65	67.1	22	-22.2	35	N/A	0	SB		
29	10:40	2,419.90	5.26	67	70.2	20	-20.1	35	N/A	0	SB		
30	14:48	1,065.60	4.90	66	70.0	20	-20.1	35	N/A	0	SB		
31	13:27	1,453.90	5.00	70	69.7	20	-20.1	35	N/A	0	SB		

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Weekly Injectate Samples

Kansas Lab Certificate Number E-10146

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	97.68	08/03/2022	9.67	08/03/2022	160.0	08/03/2022	08/10/2022		
2	93.58	08/10/2022	9.57	08/10/2022	152.0	08/10/2022	08/17/2022		
3	86.63	08/17/2022	9.55	08/17/2022	146.0	08/17/2022	08/24/2022		
4	96.95	08/24/2022	9.79	08/24/2022	159.0	08/24/2022	08/31/2022		
5	101.03	08/31/2022	9.89	08/31/2022	141.0	08/31/2022	09/07/2022		

No monthly injectate samples required.