Facility Well Name Tyson (Holcomb) #2 **UIC Permit #** KS-01-055-002 **Month** August **Year** 2023

Submitted 09/26/2023 **Approved** 09/29/2023 **KOLAR Document ID** 1730802

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 18

Barrels per Day Maximum: 2,619

			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	1,169	0.98	97	96	-13.5	-13.5	0
Monthly Maximum	2,510	1.71	102	101	0.0	-0.8	0
Monthly Minimum	0	0.00	95	94	-26.0	-25.0	0
Monthly Total	36,253						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
108.18	93.60	0.76	-25.03

Comments:

Fall of test was performed 10/4 thru 10/7

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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	07:50	0.00	0.00	95	94.6	0	-0.8	19	Tretolite kw	0	EL		
2	07:12	0.00	0.00	95	94.9	0	-0.8	19	Tretolite kw	0	CP		
3	12:30	0.00	0.00	95	94.3	0	-0.8	19	Tretolite kw	0	CP		
4	08:01	0.00	0.00	96	95.2	0	-0.8	19	Tretolite kw	0	CP		
5	09:02	0.00	0.00	96	95.6	0	-0.8	19	Tretolite kw	0	EL		
6	08:50	0.00	0.00	96	95.5	0	-0.8	19	Tretolite kw	0	EL		
7	07:34	0.00	0.00	96	95.7	0	-0.8	19	Tretolite kw	0	EL		
8	07:37	0.00	0.00	96	95.5	0	-0.8	19	Tretolite kw	0	EL		
9	07:41	0.00	0.00	96	95.8	0	-0.8	19	Tretolite kw	0	EL		
10	09:40	0.00	0.00	96	96.0	0	-0.8	19	Tretolite kw	0	CP		
11	07:41	0.00	0.00	96	95.3	0	-0.8	19	Tretolite kw	0	CP		
12	18:00	0.00	0.00	97	95.9	0	-0.8	19	Tretolite kw	0	EL		
13	07:53	0.00	0.00	97	95.8	0	-0.8	19	Tretolite kw	0	EL		
14	07:19	2,016.10	1.71	96	95.9	0	-0.8	19	Tretolite kw	0	CP		
15	07:15	2,023.00	1.67	96	96.0	-26	-25.0	13	Tretolite kw	0	EL		
16	07:50	2,509.88	1.67	98	97.8	-25	-24.5	14	Tretolite kw	0	CP		
17	10:00	1,428.93	1.67	102	101.0	-24	-23.7	16	Tretolite kw	0	JL		
18	07:49	2,276.07	1.69	99	98.3	-25	-24.4	15	Tretolite kw	0	CP		
19	07:54	1,809.79	1.64	97	96.6	-17	-16.4	15	Tretolite kw	0	EL		
20	08:56	2,032.43	1.71	97	96.6	-25	-24.2	15	Tretolite kw	0	EL		
21	07:43	2,184.95	1.71	97	96.3	-25	-24.5	15	Tretolite kw	0	CP		
22	07:54	2,271.64	1.69	97	96.3	-25	-24.5	15	Tretolite kw	0	CP		
23	07:34	1,830.86	1.67	98	97.2	-25	-24.4	15	Tretolite kw	0	EL		
24	08:36	2,426.52	1.71	96	95.7	-25	-24.3	15	Tretolite kw	0	CP		
25	08:21	2,207.60	1.69	96	95.6	-25	-24.3	15	Tretolite kw	0	CP		
26	08:08	2,021.55	1.64	97	96.0	-25	-23.9	15	Tretolite kw	0	CE		
27	08:44	1,543.10	1.62	97	96.2	-25	-24.2	13	Tretolite kw	0	EL		
28	07:55	2,390.45	1.62	100	99.1	-25	-24.3	13	Tretolite kw	0	EL		
29	08:06	2,465.00	1.71	97	96.9	-25	-24.5	14	Tretolite kw	0	CP		
30	08:23	2,312.83	1.69	97	96.5	-25	-24.5	13	Tretolite kw	0	CP		
31	08:06	502.24	1.71	97	96.7	-25	-24.3	14	Tretolite kw	0	CP		

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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	96.00	08/02/2023	7.07	08/02/2023	727,000.0	08/02/2023	08/02/2023		
2	90.00	08/04/2023	7.19	08/04/2023	781,000.0	08/04/2023	08/04/2023		
3	86.00	08/11/2023	7.22	08/11/2023	53,700.0	08/11/2023	08/11/2023		
4	88.00	08/18/2023	7.97	08/18/2023	45,300.0	08/18/2023	08/18/2023		
5	90.00	08/25/2023	7.67	08/25/2023		08/25/2023	08/25/2023		

Monthly Injectate Samples

Date Sample Collected 08/02/2023

Kansas Lab Certificate Number 10116

Constituent	Value	Units
Chromium	0.2500	mg/l

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Quarterly Injectate Samples

Quarter 3
Date Sample Collected 07/05/2023
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	396.000	mg/l
Conductivity	122.000	Mmhos
Magnesium	7,100.000	mg/l
Oil & Grease	30.900	mg/l
Sulfate	16,000.000	mg/l
Total Alkalinity as CaCO3	1,950.000	mg/l
Total Hardness as CaCO3	39,100.000	mg/l
Total Suspended Solids	59,500.000	mg/l