Facility Well Name Tyson (Holcomb) #2 **UIC Permit #** KS-01-055-002 **Month** April **Year** 2022

Submitted 05/18/2022 **Approved** 05/31/2022 **KOLAR Document ID** 1643862

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 20

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	1,025	0.83	90	89	-16.6	-16.1	0
Monthly Maximum	2,105	1.98	104	104	0.0	-0.3	0
Monthly Minimum	0	0.00	82	82	-28.0	-27.1	0
Monthly Total	30,752						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
105.98	80.17	0.75	-27.14

Comments:

Fall off test was done on September 28th.

Tyson (Holcomb) #2 04/2022

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	07:19	2,104.95	1.52	84	83.5	-12	-11.5	8	Tretolite kw	0	EL		
2	11:34	0.00	0.00	83	82.9	-20	-20.1	7	Tretolite kw	0	EL		
3	12:00	0.14	0.00	95	94.8	-19	-18.3	14	Tretolite kw	0	CP		
4	07:44	0.00	0.00	101	100.3	-7	-6.1	14	Tretolite kw	0	CP		
5	08:03	0.00	0.00	95	94.5	-26	-25.1	13	Tretolite kw	0	CP		
6	13:15	1,374.52	1.64	97	96.9	0	-0.5	15	Tretolite kw	0	CP		
7	06:42	534.50	1.38	82	82.3	-27	-26.4	7	Tretolite kw	0	CP		
8	07:30	0.00	0.00	99	98.2	-2	-1.2	13	Tretolite kw	0	EL		
9	08:12	0.00	0.00	103	102.1	-2	-1.2	15	Tretolite kw	0	EL		
10	08:06	0.00	0.00	104	103.9	-2	-1.7	15	Tretolite kw	0	EL		
11	09:00	1,689.00	1.19	101	100.2	-26	-25.7	15	Tretolite kw	0	CP		
12	07:08	1,846.83	1.24	82	81.8	-27	-26.1	8	Tretolite kw	0	CP		
13	08:36	1,934.07	1.43	82	81.6	-27	-26.5	8	Tretolite kw	0	CP		
14	07:19	2,078.90	1.48	83	82.1	-27	-26.1	7	Tretolite kw	0	EL		
15	07:45	1,804.48	1.38	85	84.1	-26	-25.7	7	Tretolite kw	0	EL		
16	07:53	2,018.60	1.98	83	82.6	-27	-26.3	7	Tretolite kw	0	EL		
17	10:57	1,551.10	1.26	84	83.5	-27	-26.2	7	Tretolite kw	0	EL		
18	08:11	1,119.57	1.26	84	84.0	-28	-27.1	8	Tretolite kw	0	CP		
19	08:13	1,570.19	1.24	91	90.7	-1	-0.5	11	Tretolite kw	0	CP		
20	07:29	1,652.40	1.19	85	84.3	-27	-26.2	8	Tretolite kw	0	CP		
21	07:38	1,670.12	1.14	86	85.7	-25	-24.7	9	Tretolite kw	0	EL		
22	08:22	1,228.17	1.12	87	86.5	-26	-25.4	10	Tretolite kw	0	EL		
23	08:30	0.00	0.00	92	91.8	0	-0.3	10	Tretolite kw	0	TH		
24	09:13	0.00	0.00	93	93.3	-2	-1.4	15	Tretolite kw	0	EL		
25	08:28	0.00	0.00	92	91.6	-3	-2.5	15	Tretolite kw	0	RW		
26	07:22	0.00	0.00	90	89.9	-3	-2.7	16	Tretolite kw	0	CP		
27	15:38	941.14	0.71	91	90.3	-3	-2.0	16	Tretolite kw	0	CP		
28	07:22	1,748.55	1.21	85	84.2	-26	-25.9	11	Tretolite kw	0	EL		
29	08:30	1,924.02	1.21	88	88.0	-25	-24.9	11	Tretolite kw	0	EL		
30	10:24	1,960.62	1.29	86	85.2	-26	-25.6	10	Tretolite kw	0	EL		
31													

Tyson (Holcomb) #2 04/2022

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		04/06/2022	8.14	04/06/2022	43,500.0	04/06/2022	04/06/2022		
2		04/11/2022	8.09	04/11/2022	75,700.0	04/11/2022	04/11/2022		
3		04/18/2022	8.36	04/18/2022	62,300.0	04/18/2022	04/18/2022		
4		04/26/2022	8.08	04/26/2022	75,300.0	04/26/2022	04/26/2022		
5									

Monthly Injectate Samples

Date Sample Collected 04/06/2022

Kansas Lab Certificate Number 10116

Constituent	Value	Units
Chromium	1.9200	mg/l

Tyson (Holcomb) #2 04/2022

Quarterly Injectate Samples

Quarter 2
Date Sample Collected 04/18/2022
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	0.540	mg/l
Conductivity	138.000	Mmhos
Magnesium	1,030.000	mg/l
Oil & Grease	109.000	mg/l
Sulfate	11,600.000	mg/l
Total Alkalinity as CaCO3	1,550.000	mg/l
Total Hardness as CaCO3	5,580.000	mg/l
Total Suspended Solids	1,550.000	mg/l