Facility Well Name Evonik #1 **UIC Permit #** KS-01-173-002 **Month** April **Year** 2023

Submitted 05/26/2023 **Approved** 05/30/2023 **KOLAR Document ID** 1715347

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

Barrels per Day Maximum: 12,690

			Annulus Pressure psig min 100		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	1,754	1.23	163	157	-5.3	-5.7	
Monthly Maximum	2,855	1.43	164	166	-1.0	-1.5	
Monthly Minimum	1,099	0.71	153	151	-8.0	-7.9	
Monthly Total	52,607						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
170.41	150.74	-1.24	-10.73

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	06:30	1,703.62	1.36	153	151.2	-8	-7.7	40	155/1300		-16		
2	10:35	2,167.57	1.26	156	158.5	-4	-6.1	40	150/1400		-8		
3	09:18	1,591.62	1.21	164	161.5	-5	-5.3	40	155/1300		-11		
4	07:53	1,501.79	1.38	164	165.9	-5	-5.1	40	158/1300		-10		
5	09:06	1,943.76	1.29	164	155.5	-7	-7.2	39	160/1200		-14		
6	07:44	1,647.10	1.21	163	157.8	-6	-5.8	40	160/1100		-12		
7	11:00	2,145.79	1.21	157	159.3	-5	-5.4	40	160/1200		-11		
8	08:30	1,512.90	1.43	160	155.2	-8	-7.9	39	160/1100		-17		
9	08:45	1,820.76	1.19	164	159.6	-5	-5.1	40	160/1100		-10		
10	07:20	1,625.10	1.19	164	158.7	-5	-5.5	40	160/1100		-11		
11	08:06	1,720.95	1.19	164	157.2	-6	-5.9	40	160/1050		-12		
12	07:27	1,708.24	1.31	164	157.7	-6	-5.9	40	160/1000		-12		
13	09:59	1,875.10	1.29	164	157.0	-5	-5.3	40	160/1000		-11		
14	08:00	1,590.14	1.10	164	160.7	-4	-4.3	41	160/1000		-8		
15	01:00	2,125.24	1.24	160	152.8	-3	-6.2	40	160/1000		-7		
16	12:00	2,855.12	1.26	157	156.8	-3	-6.3	40	160/900		-7		
17	09:23	1,464.50	0.71	164	156.2	-1	-1.5	39	160/800		-3		
18	09:20	1,638.52	1.21	164	157.2	-5	-5.6	39	160/800		-11		
19	09:20	1,638.52	1.14	164	158.7	-5	-5.3	40	160/800		-11		
20	07:54	1,582.43	1.19	164	157.2	-5	-5.6	39	160/800		-11		
21	07:35	1,743.55	1.29	164	155.2	-5	-5.6	39	160/1500		-11		
22	07:15	1,847.62	1.26	164	153.2	-6	-5.9	39	160/1450		-12		
23	08:15	2,077.19	1.29	162	157.0	-6	-5.7	39	160/1400		-12		
24	09:18	1,834.64	1.31	164	156.7	-6	-6.1	39	155/1400		-12		
25	06:55	1,646.43	1.31	164	154.8	-6	-6.3	39	155/1400		-13		
26	09:21	1,240.60	1.21	164	155.3	-6	-6.5	39	155/1400		-13		
27	08:24	1,572.83	1.07	164	157.9	-5	-5.6	40	155/1400		-11		
28	02:38	1,934.71	1.31	164	156.7	-7	-6.6	39	155/1400		-14		
29	06:00	1,099.33	1.21	164	157.0	-6	-5.8	39	155/1300		-12		
30	07:40	1,750.86	1.17	163	157.7	-5	-5.2	39	155/1300		-11		
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Weekly Injectate Samples

Kansas Lab Certificate Number E-92301

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	71.00	04/05/2023	10.94	04/05/2023					
2	87.30	04/12/2023	10.67	04/12/2023					
3	88.00	04/19/2023	10.12	04/19/2023					
4	71.30	04/26/2023	12.00	04/26/2023					
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Monthly Injectate Samples

Date Sample Collected 04/05/2023

Kansas Lab Certificate Number 10116

Constituent	Value	Units
Acetone	0.183	mg/l
Acrylonitrile	0.000	mg/l
Benzene	0.030	mg/l
Chloride	56.100	mg/l
Nickel	0.000	mg/l

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Quarterly Injectate Samples

Quarter 3
Date Sample Collected 01/06/2023
Kansas Lab Certificate Number E-10378
Lab Name Meridian Analytical

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

Constituent	Value	Units
3 (N,N-Dimethylamino Propionitrile)	0.000	mg/l
Aniline	0.000	mg/l
Cyclohexylamine	1.400	mg/l
Dicyclohexylamine	0.299	mg/l
N (3 Aminopropyl) Cyclohexylamine	0.000	mg/l
N,N-Dimethylcyclohexylamine	10.200	mg/l
N-Methyldicyclohexylamine	1.370	mg/l
O-Toluidine	0.000	mg/l
Pentamethyldipropylene-triamine	2.070	mg/l
Sulfate	38.700	mg/l