Facility Well Name Holly Frontier #1 **UIC Permit #** KS-01-115-001 **Month** August **Year** 2021

Submitted 09/21/2021 **Approved** 09/27/2021 **KOLAR Document ID** 1591581

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 6,167

			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	921	0.60	135	133	-27.0	-25.4	
Monthly Maximum	1,372	1.05	150	146	-26.0	-24.9	
Monthly Minimum	157	0.00	125	123	-27.0	-25.8	
Monthly Total	28,537						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
158.10	118.10	-16.60	-26.00

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	07:40	713.05	0.45	132	128.9	-27	-25.7	21			SW		
2	08:30	740.81	0.40	125	125.8	-27	-25.7	21			BC		
3	12:30	748.12	0.43	130	130.6	-27	-25.5	21			BC		
4	11:00	720.88	0.79	130	128.2	-27	-25.7	21			BC		
5	10:30	721.81	0.40	130	127.9	-27	-25.5	21			BC		
6	07:35	828.33	0.52	130	129.2	-27	-25.6	21			SW		
7	07:30	852.29	0.55	135	132.0	-27	-25.5	21			SW		
8	08:10	881.86	0.69	135	132.7	-27	-25.4	22			SW		
9	07:40	907.43	0.83	138	135.1	-27	-25.5	22			SW		
10	08:45	954.83	0.45	140	138.2	-27	-25.4	22			BC		
11	11:00	957.26	0.57	140	140.4	-27	-25.2	22			BC		
12	09:15	972.50	0.64	140	139.8	-27	-25.3	23			BC		
13	09:45	919.19	0.62	130	134.1	-27	-25.2	22			BC		
14	07:50	822.26	0.57	130	127.6	-27	-25.5	21			SW		
15	07:50	893.19	0.31	128	126.2	-27	-25.8	21			SW		
16	07:10	838.81	0.62	130	128.2	-27	-25.6	21			SW		
17	08:05	836.17	0.60	128	126.6	-27	-25.8	21			SW		
18	11:00	845.64	0.60	130	126.5	-27	-25.6	21			BC		
19	09:00	157.40	0.00	125	122.9	-27	-25.6	20			BC		
20	08:45	693.14	0.62	125	122.6	-27	-25.8	20			BC		
21	08:30	903.98	0.60	130	130.1	-27	-25.6	21			BC		
22	08:05	900.69	0.33	130	127.3	-27	-25.7	21			SW		
23	07:10	903.26	0.76	138	133.4	-27	-25.6	22			SW		
24	07:40	1,080.62	0.67	130	128.9	-27	-25.8	21			SW		
25	07:05	1,275.00	0.79	148	145.2	-27	-25.1	23			SW		
26	08:15	1,372.00	1.05	150	145.9	-27	-25.0	24			BC		
27	08:45	1,326.69	0.88	150	146.2	-27	-25.1	24			BC		
28	08:45	1,237.29	0.43	145	143.5	-27	-25.1	24			BC		
29	07:45	1,199.05	0.95	145	143.3	-27	-25.1	24			BC		
30	07:40	1,181.71	0.86	142	140.5	-27	-25.0	23			SW		
31	07:35	1,151.74	0.62	145	142.2	-26	-24.9	24			SW		

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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	102.29	08/04/2021	8.80	08/04/2021	454.0	08/04/2021	08/09/2021		
2	109.61	08/11/2021	8.30	08/11/2021	370.0	08/11/2021	08/12/2021		
3	102.26	08/18/2021	7.20	08/18/2021	305.0	08/18/2021	08/23/2021		
4	112.92	08/25/2021	8.60	08/25/2021	211.0	08/25/2021	08/26/2021		
5									

No monthly injectate samples required.