Facility Well Name Holly Frontier #1 **UIC Permit #** KS-01-115-001 **Month** July **Year** 2022

Submitted 08/22/2022 **Approved** 08/30/2022 **KOLAR Document ID** 1661556

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	1,275	0.86	133	131	-25.7	-24.1	
Monthly Maximum	1,367	1.14	145	140	-25.0	-23.6	
Monthly Minimum	1,007	0.00	125	121	-26.0	-24.5	
Monthly Total	39,514						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
148.40	120.70	-18.70	-24.90

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	07:30	1,209.50	0.90	145	139.4	-26	-23.9	21			PS		
2	08:45	1,179.93	0.90	140	136.1	-25	-24.2	20			TN		
3	08:50	1,242.62	1.00	140	138.8	-25	-23.6	21			TN		
4	07:45	1,203.38	0.86	140	140.2	-25	-23.6	22			PS		
5	07:15	1,132.93	0.98	145	136.2	-25	-24.0	21			PS		
6	10:45	1,289.05	0.90	140	139.0	-25	-24.1	21			BC		
7	08:45	1,220.48	0.64	140	139.3	-25	-23.9	21			BC		
8	08:30	1,298.90	1.00	135	137.9	-26	-24.1	21			BC		
9	08:00	1,274.43	0.90	138	133.3	-26	-24.3	21			PS		
10	07:00	1,344.12	0.43	143	132.6	-26	-24.3	21			PS		
11	06:30	1,367.40	0.98	135	134.7	-25	-24.2	21			BC		
12	08:30	1,338.64	0.98	130	131.8	-26	-24.2	21			BC		
13	11:00	1,302.57	0.88	130	129.6	-26	-24.3	20			BC		
14	06:00	1,326.38	0.95	135	131.9	-25	-24.1	21			BC		
15	09:45	1,055.74	0.76	125	125.7	-26	-24.5	19			BC		
16	08:45	1,006.60	0.00	125	122.9	-26	-24.5	19			SW		
17	09:20	1,235.12	0.90	130	128.3	-26	-24.2	19			SW		
18	08:00	1,305.57	0.93	130	130.9	-26	-24.1	21			BC		
19	09:00	1,321.17	0.83	130	129.1	-26	-24.2	20			BC		
20	10:50	1,366.71	0.95	135	133.2	-26	-24.0	21			BC		
21	08:30	1,350.10	1.02	130	128.6	-26	-24.2	20			BC		
22	08:30	1,348.02	1.00	130	130.0	-26	-24.1	21			BC		
23	06:46	1,339.31	0.90	132	129.6	-26	-24.0	20			BM		
24	06:09	1,144.26	0.36	130	127.1	-26	-23.9	20			BM		
25	08:15	1,327.79	0.95	125	124.8	-26	-24.2	20			BC		
26	09:00	1,325.95	0.95	125	125.5	-26	-24.2	20			BC		
27	11:00	1,326.74	0.79	125	124.9	-26	-24.1	20			BC		
28	08:30	1,323.98	0.88	125	125.5	-25	-24.1	20			BC		
29	09:00	1,336.43	1.12	125	121.0	-26	-24.3	19			BC		
30	09:50	1,341.45	1.14	130	121.7	-26	-24.1	19			SW		
31	08:45	1,328.24	0.98	125	123.3	-26	-23.9	20			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	121.14	07/06/2022	7.20	07/06/2022	240.0	07/06/2022	07/13/2022		
2	119.63	07/13/2022	7.80	07/13/2022	289.0	07/13/2022	07/16/2022		
3	123.05	07/20/2022	7.90	07/20/2022	130.0	07/20/2022	07/22/2022		
4	121.18	07/27/2022	7.20	07/27/2022	330.0	07/27/2022	07/28/2022		
5									

No monthly injectate samples required.