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

Submitted 05/24/2021 **Approved** 05/31/2021 **KOLAR Document ID** 1574445

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

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	1,289	0.91	129	127	-26.9	-25.6	
Monthly Maximum	1,677	1.26	142	141	-23.0	-21.1	
Monthly Minimum	760	0.45	120	118	-28.0	-26.1	
Monthly Total	38,658						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
147.50	113.60	-20.20	-26.80

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	09:05	1,443.21	0.81	138	136.1	-27	-25.4	24			SW		
2	09:26	1,408.52	1.14	134	134.6	-27	-25.4	24			BM		
3	07:50	875.26	0.60	122	120.4	-27	-25.9	22			SW		
4	08:30	1,236.90	0.98	135	133.9	-23	-21.1	23			BC		
5	08:00	1,473.90	1.07	140	140.7	-27	-25.3	24			BC		
6	09:00	1,593.83	0.93	140	139.7	-27	-25.3	24			BC		
7	11:00	1,676.86	1.26	140	135.9	-27	-25.4	24			BSC		
8	07:30	1,531.83	1.07	134	131.3	-27	-25.5	24			SW		
9	07:25	1,499.50	1.12	142	140.2	-26	-25.3	24			SW		
10	08:10	1,422.19	0.88	124	121.9	-27	-26.0	22			SW		
11	08:15	1,246.45	0.88	134	129.7	-27	-25.7	23			SW		
12	08:15	1,253.55	1.19	125	119.9	-27	-26.0	22			BC		
13	08:00	1,242.88	0.88	125	122.5	-27	-25.8	22			BC		
14	11:00	1,216.76	0.64	125	124.7	-27	-25.7	22			BC		
15	07:45	1,332.88	0.86	125	124.2	-27	-25.8	22			BC		
16	07:20	1,407.55	0.86	132	130.9	-27	-25.7	23			SW		
17	10:05	1,352.60	1.14	125	122.7	-27	-26.0	22			SW		
18	09:45	1,364.21	1.05	125	125.3	-27	-25.7	22			SW		
19	07:10	1,369.26	0.86	130	127.7	-27	-25.8	23			SW		
20	08:15	1,323.62	1.19	120	118.1	-28	-26.1	21			BC		
21	11:00	1,251.31	1.12	120	118.1	-28	-26.1	21			BC		
22	07:30	1,394.90	1.10	125	124.7	-27	-25.9	22			BC		
23	08:15	1,366.88	0.86	125	124.7	-27	-25.9	22			BC		
24	09:00	1,280.67	0.95	130	127.0	-27	-25.9	23			SW		
25	08:05	1,204.50	0.69	128	125.3	-27	-25.8	22			SW		
26	07:15	1,202.90	0.71	122	121.6	-27	-26.0	22			SW		
27	07:35	967.05	0.76	130	126.2	-27	-25.7	22			SW		
28	11:00	760.38	0.50	120	119.7	-27	-25.9	21			BC		
29	08:15	915.62	0.45	120	117.6	-27	-25.4	20			GO		
30	09:30	1,041.86	0.88	125	125.6	-27	-25.9	22			BC		
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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	108.10	04/07/2021	8.60	04/07/2021	144.0	04/07/2021	04/12/2021		
2	101.30	04/14/2021	8.00	04/14/2021	214.0	04/14/2021	04/16/2021		
3	96.70	04/21/2021	8.10	04/21/2021	192.0	04/21/2021	04/26/2021		
4	96.10	04/28/2021	7.80	04/28/2021	238.0	04/28/2021	04/29/2021		
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No monthly injectate samples required.