Facility Well Name Holly Frontier #1 **UIC Permit #** KS-01-115-001 **Month** June **Year** 2020

Submitted 07/23/2020 **Approved** 07/24/2020 **KOLAR Document ID** 1524703

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 29

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	856	0.61	137	134	-22.9	-25.2	
Monthly Maximum	1,003	0.81	168	165	-17.0	-15.5	
Monthly Minimum	308	0.05	113	112	-27.0	-25.9	
Monthly Total	24,837						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
178.80	112.06	-2.80	-25.89

Comments:

Well was out of service on 6/17/20.

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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	07:10	959.00	0.43	122	121.0	-21	-25.8	20			SW		
2	08:15	964.10	0.52	128	122.5	-21	-25.7	20			SW		
3	10:40	964.26	0.71	130	126.5	-21	-25.3	20			SW		
4	09:00	970.98	0.71	130	128.4	-20	-25.5	21			BC		
5	08:15	904.83	0.62	130	129.5	-20	-25.5	21			BC		
6	09:00	756.38	0.26	125	124.9	-20	-25.4	20			BC		
7	08:45	713.40	0.45	120	120.3	-21	-25.6	20			BC		
8	07:50	850.67	0.57	120	119.6	-21	-25.6	19			RC		
9	08:30	919.62	0.57	120	122.1	-21	-25.4	20			RC		
10	10:45	961.07	0.64	113	112.1	-21	-25.9	19			RC		
11	07:50	831.43	0.74	140	138.7	-21	-25.8	19			RC		
12	08:30	936.57	0.79	147	143.9	-21	-25.6	19			RC		
13	07:11	996.88	0.69	148	142.6	-21	-25.6	21			PS		
14	07:35	1,002.55	0.62	142	140.7	-21	-25.6	21			CM		
15	07:45	1,001.38	0.74	142	141.2	-21	-25.5	21			CM		
16	07:15	473.93	0.69	142	140.0	-21	-25.6	20			SW		
17													
18	16:55	307.60	0.05	168	165.4	-26	-25.3	19			SW		
19	07:10	926.26	0.69	150	146.7	-17	-15.5	20			SW		
20	07:55	948.79	0.69	150	147.7	-27	-25.7	20			CM		
21	08:01	959.76	0.74	150	148.8	-27	-25.4	21			CM		
22	07:10	969.74	0.81	145	144.5	-26	-25.4	21			SW		
23	09:25	806.86	0.71	155	142.4	-26	-25.3	20			SW		
24	10:45	839.76	0.60	138	135.2	-26	-25.5	19			RC		
25	08:30	879.64	0.60	140	136.1	-26	-25.5	20			RC		
26	07:45	879.83	0.67	138	134.6	-26	-25.4	20			RC		
27	09:00	880.07	0.67	140	134.6	-26	-25.5	20			RC		
28	08:15	808.10	0.67	142	134.8	-27	-25.4	20			PS		
29	08:00	678.17	0.57	135	127.1	-26	-25.5	20			BC		
30	09:45	744.98	0.33	130	126.6	-26	-25.5	19			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	105.10	06/03/2020	7.00	06/03/2020	71.7	06/03/2020	06/05/2020		
2	94.40	06/10/2020	7.00	06/10/2020	84.0	06/10/2020	06/16/2020		
3	106.30	06/16/2020	6.80	06/16/2020	84.8	06/16/2020	06/20/2020		
4	106.20	06/24/2020	7.60	06/24/2020	153.0	06/24/2020	06/26/2020		
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No monthly injectate samples required.