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

Submitted 09/18/2020 **Approved** 09/21/2020 **KOLAR Document ID** 1530180

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	1,170	0.80	134	132	-27.0	-25.5	
Monthly Maximum	1,312	1.10	147	144	-26.0	-25.2	
Monthly Minimum	944	0.52	118	114	-27.0	-25.8	
Monthly Total	36,285						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
149.20	112.30	-24.9	-26.50

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	08:00	1,312.48	0.71	130	127.0	-27	-25.2	21			BC		
2	08:30	1,307.93	0.83	130	125.3	-27	-25.4	21			BC		
3	10:00	1,310.60	0.93	124	122.7	-26	-25.4	20			RC		
4	08:45	1,310.79	1.00	118	118.2	-27	-25.6	20			RC		
5	10:45	1,254.07	0.93	118	118.3	-27	-25.6	20			RC		
6	08:35	943.98	0.55	118	113.7	-27	-25.6	19			RC		
7	08:15	963.93	0.76	135	138.8	-27	-25.8	19			BC		
8	08:15	1,047.74	0.52	140	139.5	-27	-25.5	19			BC		
9	07:45	1,051.95	0.67	140	139.9	-27	-25.5	19			BC		
10	09:30	1,099.43	0.74	145	143.8	-27	-25.4	20			BC		
11	08:25	1,021.50	0.76	140	137.4	-27	-25.4	19			RC		
12	08:15	1,136.26	0.83	140	136.8	-27	-25.5	19			RC		
13	09:30	1,180.40	0.81	140	136.0	-27	-25.6	19			RC		
14	08:25	1,185.12	0.74	140	137.9	-27	-25.4	19			RC		
15	07:00	1,196.55	0.83	147	141.5	-27	-25.4	20			PS		
16	09:00	1,191.05	0.95	140	134.4	-27	-25.6	19			BC		
17	08:45	1,194.90	0.90	140	136.6	-27	-25.4	19			BC		
18	12:30	1,141.29	1.10	140	138.5	-27	-25.2	19			BC		
19	11:35	1,180.36	0.67	135	133.5	-27	-25.4	19			SW		
20	09:20	1,182.05	0.57	135	131.9	-27	-25.5	19			SW		
21	07:25	1,184.79	0.86	135	132.3	-27	-25.5	19			SW		
22	08:25	1,190.38	0.62	135	131.9	-27	-25.4	19			SW		
23	09:00	1,176.95	0.79	130	131.1	-27	-25.7	19			BC		
24	09:45	1,184.88	0.83	130	132.3	-27	-25.5	19			BC		
25	09:00	1,181.81	0.93	130	131.3	-27	-25.6	19			BC		
26	08:45	1,188.98	0.83	130	132.4	-27	-25.5	19			BC		
27	08:45	1,187.02	0.81	132	129.8	-27	-25.7	19			RC		
28	08:15	1,191.43	0.86	140	133.0	-27	-25.5	19			RC		
29	08:20	1,203.00	0.79	132	131.9	-27	-25.6	19			RC		
30	08:15	1,192.64	0.76	128	126.9	-27	-25.6	19			RC		
31	07:00	1,190.79	0.93	130	129.9	-27	-25.6	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	104.70	08/05/2020	7.00	08/05/2020	74.6	08/05/2020	08/07/2020		
2	103.80	08/12/2020	5.80	08/12/2020	74.5	08/12/2020	08/16/2020		
3	104.20	08/19/2020	6.60	08/19/2020	75.0	08/19/2020	08/22/2020		
4	106.30	08/26/2020	8.70	08/26/2020	70.8	08/26/2020	09/02/2020		
5									

No monthly injectate samples required.