Facility Well Name Holly Frontier #1 **UIC Permit #** KS-01-115-001 **Month** May **Year** 2023

Submitted 06/26/2023 **Approved** 06/26/2023 **KOLAR Document ID** 1717603

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	951	0.67	138	134	-24.9	-24.1	
Monthly Maximum	1,283	1.02	168	166	-17.0	-14.7	
Monthly Minimum	704	0.19	112	111	-27.0	-25.3	
Monthly Total	29,493						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
178.23	110.41	-13.50	-25.60

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	21:00	768.64	0.52	164	162.6	-22	-22.2	24			BM		
2	08:30	795.67	0.67	161	159.9	-23	-22.6	25			MM		
3	07:55	741.19	0.33	150	146.9	-23	-22.2	25			BC		
4	08:30	703.83	0.19	150	146.0	-20	-20.4	25			BC		
5	08:00	744.90	0.55	150	148.7	-17	-14.7	25			TR		
6	08:00	770.45	0.31	166	161.3	-25	-24.6	26			TR		
7	08:00	975.88	0.76	144	139.8	-26	-24.2	27			TR		
8	07:55	1,098.62	0.86	164	162.1	-25	-24.5	26			BC		
9	08:00	940.69	0.83	157	157.1	-26	-24.6	26			MM		
10	08:12	785.95	0.83	140	137.3	-25	-24.9	27			BC		
11	08:00	810.90	0.33	139	137.3	-26	-24.9	27			MM		
12	08:00	1,053.95	0.48	168	165.9	-23	-22.6	29			TR		
13	08:00	908.64	0.60	148	138.7	-26	-25.1	27			TR		
14	09:00	1,282.55	1.02	158	150.8	-25	-24.5	29			TR		
15	19:40	1,138.26	0.71	125	115.0	-25	-25.3	29			PS		
16	08:00	991.31	0.71	112	110.8	-26	-25.3	27			MM		
17	08:00	1,008.86	0.64	121	120.1	-26	-25.0	28			MM		
18	07:30	778.57	0.55	127	121.9	-26	-25.1	27			MM		
19	07:45	974.88	0.67	128	125.7	-27	-24.9	27			MM		
20	09:00	1,061.50	0.95	126	116.8	-26	-25.2	27			TR		
21	09:00	1,207.52	0.98	130	125.6	-26	-24.9	28			TR		
22	08:20	1,171.57	0.93	126	123.6	-25	-25.0	28			BC		
23	08:30	991.74	1.00	130	128.3	-26	-24.8	28			BC		
24	08:00	930.19	0.50	121	119.5	-26	-25.0	27			MM		
25	07:45	994.29	0.62	117	116.0	-26	-25.2	27			MM		
26	08:00	1,033.07	0.81	125	121.5	-26	-25.0	28			MM		
27	07:30	1,034.76	0.79	123	120.4	-26	-25.1	27			MM		
28	08:30	1,000.52	0.93	128	124.1	-25	-25.0	28			BC		
29	08:45	982.14	0.64	124	121.5	-26	-25.0	27			BC		
30	07:55	887.02	0.64	120	119.6	-26	-25.0	27			BC		
31	07:50	924.52	0.52	124	122.7	-26	-24.8	27			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	102.70	05/03/2023	7.00	05/03/2023	360.0	05/03/2023	05/04/2023		
2	108.30	05/10/2023	6.90	05/10/2023	132.0	05/10/2023	05/15/2023		
3	111.70	05/17/2023	7.00	05/17/2023	341.0	05/17/2023	05/18/2023		
4	109.70	05/24/2023	7.00	05/24/2023	279.0	05/24/2023	05/31/2023		
5	109.60	05/31/2023	6.90	05/31/2023	254.0	05/31/2023	06/05/2023		

No monthly injectate samples required.