Facility Well Name ONEOK (Hutchinson) #2 **UIC Permit #** KS-01-155-002 **Month** June **Year** 2022

Submitted 07/19/2022 **Approved** 07/28/2022 **KOLAR Document ID** 1656290

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 16

Barrels per Day Maximum: 21,000

			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	939	0.65	80	82	-22.1	-20.7	51
Monthly Maximum	2,471	1.71	86	89	-15.0	-12.7	52
Monthly Minimum	0	0.00	75	76	-28.0	-27.1	50
Monthly Total	28,157						102

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
105.0	75.9	.5	-27.0

Comments:

Per voice mail Roger Nikolai Kotschegarow, ONEOK Hydrocarbon, left for Ken Brooks at about 11:40AM on Friday 15Jul2022, that Hutchinson #2 Disposal Well injection pressure was not being recorded. Upon further investigation, the local instrument's value was not coming into the distributed control system. The CHARM was replaced and recording immediately resumed. The continuous recorder values for Hutchinson #2 Disposal Wells' injection pressure from June 23rd to July 12th were impacted. No disposal well integrity issues resulted.

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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	18:05	0.00	0.00	83	82.7	-15	-14.6	11			CP		
2	19:09	0.00	0.00	84	85.2	-15	-14.1	11			SN		
3	18:27	0.00	0.00	84	85.6	-15	-13.9	11			SN		
4	18:31	0.00	0.00	84	86.0	-15	-13.7	11			SN		
5	18:13	0.00	0.00	83	84.6	-15	-13.6	11			SN		
6	18:40	0.00	0.00	83	86.3	-15	-13.5	11			SN		
7	18:19	0.00	0.00	78	81.4	-15	-13.6	11			SN		
8	18:25	0.00	0.00	78	80.8	-15	-13.7	11			SN		
9	19:10	0.00	0.00	82	82.4	-15	-13.6	11			JG		
10	18:21	0.00	0.00	83	84.9	-15	-13.4	11			JG		
11	19:53	0.00	0.00	84	85.1	-15	-13.0	11			JG		
12	18:45	0.00	0.00	82	84.6	-15	-12.7	11			JG		
13	18:37	626.19	0.43	75	77.5	-26	-26.1	19	Diesel	51.5	JG		
14	19:03	2,471.43	1.71	75	75.9	-26	-25.9	19			JG		
15	18:36	1,150.00	0.81	76	78.1	-28	-26.0	18			JG		
16	20:53	2,138.10	1.48	76	76.8	-28	-26.5	17			GB		
17	19:15	1,776.19	1.24	78	79.2	-28	-26.5	17			GB		
18	20:18	1,995.24	1.38	78	79.9	-28	-26.5	16			GB		
19	20:20	1,771.43	1.24	78	78.5	-28	-26.4	16			GB		
20	20:19	1,919.05	1.33	77	78.6	-28	-26.6	15			GB		
21	18:53	1,747.62	1.21	78	78.8	-28	-26.6	14			GB		
22	18:29	1,852.38	1.29	78	78.8	-28	-26.0	14			GB		
23	18:09	1,857.14	1.29	82	83.7	-28	-26.0	14			CP		
24	17:53	1,850.00	1.29	80	82.4	-28	-25.2	13			CP		
25	18:10	1,961.90	1.36	76	78.7	-28	-26.5	13			CP		
26	18:07	1,819.05	1.26	78	78.8	-28	-27.0	12			CP		
27	18:05	1,957.14	1.36	80	81.3	-28	-27.1	11			CP		
28	18:44	1,264.29	0.88	82	84.2	-26	-25.1	19	Diesel	50	CP		
29	18:49	0.00	0.00	84	86.6	-22	-21.1	19			CP		
30	18:42	0.00	0.00	86	88.6	-20	-17.7	19			SN		
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Weekly Injectate Samples

Kansas Lab Certificate Number E-10152

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2	89.50	06/13/2022	7.41	06/13/2022	9,200.0	06/13/2022	07/06/2022		
3	83.90	06/19/2022	7.42	06/19/2022	9,000.0	06/19/2022	07/06/2022		
4	79.40	06/26/2022	6.86	06/26/2022	10,000.0	06/26/2022	07/06/2022		
5	83.20	06/28/2022	7.52	06/28/2022	8,200.0	06/28/2022	07/06/2022		

No monthly injectate samples required.