Facility Well Name ONEOK (Hutchinson) #3 **UIC Permit #** KS-01-155-003 **Month** June **Year** 2022

Submitted 07/19/2022 **Approved** 07/28/2022 **KOLAR Document ID** 1656293

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 17

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	586	0.41	81	82	-13.2	-13.4	
Monthly Maximum	1,407	0.98	89	89	0.0	0.3	
Monthly Minimum	0	0.00	75	77	-26.0	-26.9	
Monthly Total	17,574						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
94.40	71.90	1.20	-27.60

Comments:

Bryan Stephens, ONEOK Hydrocarbon, called Allie Lane, KDHE, on the afternoon of Monday, 13Jun2022 to discuss an issue. This same issue was verbally communicated on 20Jun2022, when Roger Nikolai Kotschegarow, ONEOK Hydrocarbon, responded to Ken Brooks, due to a Ken Brooks, KDHE, email dated 20Jun2022. On June 6th, the continuous electronic annulus pressure on Hutchinson #3 Disposal Well started recording the exact same value to the distributed control system (DCS). On June 13th, the pressure transmitter was determined to be in manual mode, this was then switched to auto. This allowed the DCS to resume recording of the Hutchinson #3's true, real-time annulus pressure. No disposal well integrity issues resulted. Since the event occurred, the electronic disposal well read-up form the operators use has been updated. An alert will come up, if the operator attempts to enter a value for the electronic annulus pressure reading which is identical (to two decimal places) to

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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	18:12	1,185.71	0.83	75	77.6	-18	-16.7	13			CP		
2	19:03	1,157.14	0.81	78	81.9	-26	-26.9	13			SN		
3	18:24	1,157.14	0.81	81	84.1	-26	-26.3	13			SN		
4	18:29	1,100.00	0.76	84	87.6	-24	-25.7	13			SN		
5	18:10	1,097.62	0.76	83	86.3	-26	-26.5	13			SN		
6	18:36	1,071.43	0.74	85	81.5	-25	-24.4	14			SN		
7	18:14	1,128.57	0.79	85	81.5	-25	-24.6	14			SN		
8	18:22	1,069.05	0.74	81	81.5	-25	-25.9	13			SN		
9	19:19	1,114.29	0.79	81	81.5	-25	-26.3	13			JG		
10	18:29	478.57	0.33	87	81.5	0	0.3	13			JG		
11	19:49	980.95	0.69	88	81.5	-26	-26.5	13			JG		
12	18:40	1,359.52	0.95	89	81.5	-26	-26.2	13			JG		
13	18:47	1,130.95	0.79	85	88.8	-4	-4.2	13			JG		
14	18:59	233.33	0.17	84	87.8	-11	-10.4	14			JG		
15	18:41	0.00	0.00	86	88.4	-6	-4.8	14			JG		
16	21:01	0.00	0.00	79	80.8	-3	-3.2	14			GB		
17	19:22	0.00	0.00	79	82.9	-2	-2.6	14			GB		
18	20:24	0.00	0.00	79	81.9	-2	-2.3	14			GB		
19	20:27	0.00	0.00	79	81.3	-2	-2.2	14			GB		
20	20:25	0.00	0.00	80	82.1	-2	-2.0	14			GB		
21	19:00	0.00	0.00	80	82.1	-2	-2.0	14			GB		
22	18:38	0.00	0.00	76	78.1	-2	-2.1	14			GB		
23	18:16	0.00	0.00	80	82.5	-2	-2.1	14			CP		
24	18:00	0.00	0.00	80	84.0	-2	-1.8	14			CP		
25	18:17	0.00	0.00	78	80.2	-2	-2.1	14			CP		
26	18:15	0.00	0.00	76	77.1	-2	-2.5	14			CP		
27	18:12	0.00	0.00	77	78.0	-3	-2.3	14			CP		
28	18:52	504.76	0.36	75	76.7	-26	-26.7	14			CP		
29	18:55	1,407.14	0.98	81	83.2	-26	-26.3	14			CP		
30	18:39	1,397.62	0.98	83	85.9	-26	-26.6	14			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	79.90	06/05/2022	7.45	06/05/2022	8,200.0	06/05/2022	07/06/2022		
2	89.20	06/12/2022	7.36	06/12/2022	10,400.0	06/12/2022	07/06/2022		
3									
4									
5									

No monthly injectate samples required.