Facility Well Name UCS #2 **UIC Permit #** KS-01-155-012 **Month** March **Year** 2023

Submitted 04/10/2023 **Approved** 04/21/2023 **KOLAR Document ID** 1708703

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 15

Barrels per Day Maximum: 10,000

			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	298	1.69	95	95	-27.3	-27.2	
Monthly Maximum	941	4.76	106	106	-26.0	-26.1	
Monthly Minimum	0	0.00	79	79	-29.0	-28.7	
Monthly Total	9,250						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
109.04	65.09	-25.61	-28.86

Comments:

UCS #2 03/2023

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	10:43	0.00	0.00	101	101.1	-29	-28.7	39			TJ		
2	09:39	393.29	4.40	96	96.2	-29	-28.6	40			TJ		
3	10:26	0.00	0.00	94	94.2	-28	-28.3	36			VS		
4	19:44	0.00	0.00	101	101.2	-28	-28.3	36			VS		
5	12:46	0.00	0.00	106	105.8	-28	-27.6	36			VS		
6	11:50	0.00	0.00	103	103.3	-28	-27.8	36			TJ		
7	09:02	0.00	0.00	97	97.0	-28	-28.1	37			TJ		
8	14:15	215.57	2.64	84	84.1	-28	-27.8	38			ZM		
9	11:01	0.00	0.00	93	93.1	-28	-27.9	35			TJ		
10	09:13	0.00	0.00	94	94.0	-28	-27.9	35			TJ		
11	17:24	0.00	0.00	100	99.9	-28	-27.6	36			TJ		
12	09:33	0.00	0.00	95	95.1	-28	-27.7	36			TJ		
13	11:37	0.00	0.00	95	95.3	-27	-27.5	37			TJ		
14	08:47	420.24	3.67	85	84.6	-27	-27.5	37			TJ		
15	11:26	619.48	4.76	99	98.9	-27	-27.1	35			TJ		
16	08:42	818.33	2.55	100	100.0	-27	-27.1	34			TJ		
17	08:36	649.14	4.69	91	90.7	-27	-27.3	33			TJ		
18	13:34	0.00	0.00	95	94.9	-27	-27.0	35			ZM		
19	13:40	0.00	0.00	102	101.9	-27	-26.7	36			ZM		
20	11:31	296.12	3.12	98	98.1	-27	-26.6	36			TJ		
21	09:36	733.26	3.12	81	81.4	-27	-26.7	36			TJ		
22	08:32	735.93	4.76	90	90.2	-27	-26.7	36			TJ		
23	08:44	631.24	3.10	83	83.0	-27	-26.6	35			TJ		
24	14:21	0.00	0.00	95	95.2	-26	-26.4	35			VS		
25	14:07	0.00	0.00	103	103.3	-26	-26.1	35			VS		
26	17:31	0.00	0.00	101	100.9	-27	-26.5	35			VS		
27	09:30	780.93	3.45	79	79.4	-27	-26.5	36			TJ		
28	08:35	718.81	3.52	92	92.1	-27	-26.5	35			SP		
29	08:27	941.10	2.67	91	91.2	-26	-26.4	35			TJ		
30	08:59	729.45	3.40	91	91.5	-26	-26.2	35			TJ		
31	08:25	567.36	2.57	95	94.6	-26	-26.2	35			TJ		

UCS #2 03/2023

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	65.20	03/02/2023	7.30	03/02/2023	200,000.0	03/02/2023	03/09/2023		
2	66.20	03/08/2023	7.60	03/08/2023	190,000.0	03/08/2023	03/14/2023		
3	67.30	03/14/2023	7.30	03/14/2023	190,000.0	03/14/2023	03/20/2023		
4	63.00	03/21/2023	7.50	03/21/2023	185,000.0	03/21/2023	03/22/2023		
5	62.10	03/27/2023	7.30	03/27/2023	207,000.0	03/27/2023	03/28/2023		

No monthly injectate samples required.

UCS #2 03/2023

Quarterly Injectate Samples

Quarter 1
Date Sample Collected 03/08/2023
Kansas Lab Certificate Number E-10152
Lab Name SDK Laboratories (Hutchinson)

These samples shall be representative of injection activity and shall therefore be collected on days of injection.

Constituent	Value	Units
Ammonia	11.200	mg/l
Calcium	1,750.000	mg/l
Conductivity	550,000.000	Mmhos
Iron	<4.170	mg/l
Magnesium	11.800	mg/l
Sulfate	4,600.000	mg/l
Total Alkalinity as CaCO3	336.000	mg/l
Total Dissolved Solids	306,000.000	mg/l
Total Hardness as CaCO3	4,418.000	mg/l