Facility Well Name Williams (Mitchell) #2 **UIC Permit #** KS-01-159-008 **Month** June **Year** 2022

Submitted 07/28/2022 **Approved** 07/29/2022 **KOLAR Document ID** 1658242

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 23

Barrels per Day Maximum: 29,762

			Annulus Pressure psig min 50		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	9,075	5.97	106	104	-22.6	-24.6	0
Monthly Maximum	14,976	10.40	118	110	-20.0	-23.4	0
Monthly Minimum	0	0.00	98	97	-26.0	-27.4	0
Monthly Total	272,255						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
110.13	95.87	-23.12	-27.65

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	Meter Reading	
1	10:15	14,107.14	0.00	100	99.9	-22	-23.9	29	N/A	0	DS	564,338,40(	
2	11:25	13,769.05	9.57	104	104.0	-24	-24.0	30	N/A	0	BJ	564,916,70(	
3	08:52	12,016.67	8.33	105	103.4	-20	-23.8	29	N/A	0	TS	565,421,40(	
4	11:46	14,750.00	10.24	105	104.2	-20	-23.6	29	N/A	0	TS	566,040,90(	
5	11:11	12,769.05	8.86	107	105.4	-20	-23.5	30	N/A	0	TS	566,577,20(	
6	07:20	10,728.57	7.45	102	102.4	-23	-23.6	30	N/A	0	TH	567,027,80(	
7	07:52	12,576.19	8.74	104	103.0	-22	-23.7	30	N/A	0	BK	567,556,00(	
8	08:13	12,557.14	8.71	102	102.1	-24	-23.8	30	N/A	0	BK	568,083,40(	
9	08:54	12,795.24	8.88	106	103.0	-23	-23.9	30	N/A	0	BK	568,620,80(	
10	10:00	3,645.24	2.52	117	110.3	-25	-25.0	35	N/A	0	BK	568,773,90(	
11	11:00	0.00	0.00	116	110.3	-24	-26.8	38	N/A	0	TS	568,773,90(	
12	11:03	0.00	0.00	110	109.9	-24	-27.2	39	N/A	0	TS	568,773,90(	
13	11:14	0.00	0.00	118	110.3	-25	-26.9	39	N/A	0	TS	568,773,90(	
14	09:30	0.00	0.00	111	110.3	-25	-27.1	39	N/A	0	DS	568,773,90(	
15	08:05	0.00	0.00	111	108.9	-24	-27.2	40	N/A	0	DS	568,773,90(	
16	09:35	0.00	0.00	111	110.3	-25	-27.4	40	N/A	0	DS	568,773,90(	
17	11:00	0.00	0.00	112	110.3	-26	-27.3	40	N/A	0	BK	568,773,90(	
18	09:34	10,426.19	7.24	100	100.0	-22	-23.8	31	N/A	0	BK	569,211,80(	
19	07:11	11,726.19	8.14	98	97.0	-22	-23.7	30	N/A	0	BK	569,704,30(	
20	08:14	13,245.24	9.19	98	98.7	-22	-23.7	31	N/A	0	BK	570,260,60(	
21	07:46	12,257.14	8.52	100	98.2	-23	-23.7	30	N/A	0	TH	570,775,40(	
22	07:44	12,352.38	8.57	99	97.8	-23	-23.8	30	N/A	0	TH	571,294,20(	
23	13:03	14,976.19	10.40	106	102.7	-24	-23.7	31	N/A	0	TH	571,923,20(	
24	08:40	8,466.67	5.88	102	100.0	-20	-23.5	31	N/A	0	DS	572,278,80(	
25	07:35	11,652.38	8.10	101	100.8	-21	-23.4	31	N/A	0	DS	572,768,20(	
26	08:00	12,376.19	8.60	100	97.4	-22	-24.0	31	N/A	0	DS	573,288,00(	
27	10:15	13,292.86	9.24	103	100.7	-21	-23.9	31	N/A	0	DS	573,846,30(	
28	10:53	12,538.10	8.71	105	103.7	-21	-23.8	31	N/A	0	TS	574,372,90(	
29	10:15	11,192.86	7.76	111	106.9	-21	-25.0	32	N/A	0	TS	574,843,00(	
30	11:03	8,038.10	5.57	108	106.7	-20	-23.5	31	N/A	0	TS	575,180,60(	
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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	73.70	06/03/2022	6.64	06/03/2022	115,000.0	06/03/2022	06/13/2022		
2	49.10	06/10/2022	7.27	06/10/2022	20,000.0	06/10/2022	07/18/2022		
3	69.60	06/17/2022	6.63	06/17/2022	155,000.0	06/17/2022	07/18/2022		
4	75.00	06/24/2022	6.06	06/24/2022	131,200.0	06/24/2022	07/18/2022		
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No monthly injectate samples required.