Facility Well Name Williams (Conway West) #1 **UIC Permit #** KS-01-113-001 **Month** December **Year** 2021

Submitted 01/24/2022 **Approved** 01/27/2022 **KOLAR Document ID** 1612874

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 2

Barrels per Day Maximum: 47,619

			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	48	0.03	74	74	3.4	-0.3	0
Monthly Maximum	774	0.55	80	81	9.0	1.5	0
Monthly Minimum	0	0.00	65	68	-22.0	-18.7	0
Monthly Total	1,486						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
85.64	64.58	1.51	-27.28

Comments:

Williams (Conway West) #1 12/2021

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	13:00	0.00	0.00	75	76.6	8	1.5	38	N/A	0	DS	57,164,000.	
2	14:45	0.00	0.00	79	79.3	8	1.5	38	N/A	0	DS	57,164,000.	
3	10:15	0.00	0.00	76	74.4	8	1.5	33	N/A	0	TS	57,164,000.	
4	09:30	0.00	0.00	70	71.3	7	1.5	37	N/A	0	TS	57,164,000.	
5	10:26	0.00	0.00	73	74.4	8	1.5	37	N/A	0	TS	57,164,000.	
6	08:45	0.00	0.00	65	69.3	8	1.5	37	N/A	0	TS	57,164,000.	
7	08:50	0.00	0.00	70	69.8	8	1.5	37	N/A	0	DS	57,164,000.	
8	09:25	0.00	0.00	69	70.5	8	1.5	37	N/A	0	BK	57,164,000.	
9	07:45	0.00	0.00	72	71.1	8	1.5	37	N/A	0	DS	57,164,000.	
10	10:45	0.00	0.00	72	75.0	8	1.5	37	N/A	0	DS	57,164,000.	
11	12:30	0.00	0.00	73	72.6	7	1.5	38	N/A	0	BJ	57,164,000.	
12	09:00	0.00	0.00	72	71.1	8	1.5	38	N/A	0	BJ	57,164,000.	
13	08:03	0.00	0.00	71	69.5	8	1.5	37	N/A	0	DS	57,164,000.	
14	08:27	0.00	0.00	72	72.5	9	1.5	37	N/A	0	TH	57,164,000.	
15	08:20	0.00	0.00	75	75.9	8	1.5	38	N/A	0	DS	57,164,000.	
16	08:01	0.00	0.00	69	69.2	9	1.5	37	N/A	0	TH	57,164,000.	
17	10:45	0.00	0.00	72	72.3	8	1.5	38	N/A	0	BK	57,164,000.	
18	09:08	0.00	0.00	70	68.5	9	1.5	38	N/A	0	BK	57,164,000.	
19	10:30	0.00	0.00	70	71.8	9	1.5	37	N/A	0	BK	57,164,000.	
20	11:00	711.90	0.50	67	67.7	-22	-18.7	37	N/A	0	BK	57,193,900.	
21	08:27	773.81	0.55	72	73.5	-2	-2.4	36	N/A	0	DS	57,226,400.	
22	08:41	0.00	0.00	75	76.1	-3	-2.3	37	N/A	0	TS	57,226,400.	
23	09:01	0.00	0.00	78	78.3	-2	-2.0	37	N/A	0	TS	57,226,400.	
24	08:45	0.00	0.00	79	79.5	-2	-1.5	37	N/A	0	TH	57,226,400.	
25	09:02	0.00	0.00	78	78.0	-2	-1.8	37	N/A	0	TH	57,226,400.	
26	08:35	0.00	0.00	78	79.7	-2	-1.6	37	N/A	0	TH	57,226,400.	
27	08:26	0.00	0.00	77	77.3	-2	-1.9	37	N/A	0	TH	57,226,400.	
28	12:44	0.00	0.00	80	81.1	-4	-1.4	38	N/A	0	DS	57,226,400.	
29	12:00	0.00	0.00	76	75.3	-5	-1.5	37	N/A	0	DS	57,226,400.	
30	13:15	0.00	0.00	79	78.0	-2	-1.5	37	N/A	0	BJ	57,226,400.	
31	10:04	0.00	0.00	78	78.1	-1	-1.3	37			TS	57,226,400.	

Williams (Conway West) #1 12/2021

Weekly Injectate Samples

Kansas Lab Certificate Number

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2									
3									
4	50.69	12/20/2021	6.75	12/20/2021	212,400.0	12/20/2021	01/13/2022		
5									

No monthly injectate samples required.

Williams (Conway West) #1 12/2021

Quarterly Injectate Samples

Quarter 4
Date Sample Collected 12/20/2021
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
Calcium	1,420.000	mg/l
Conductivity	585.000	Mmhos
Iron	1.330	mg/l
Magnesium	472.000	mg/l
Sulfate	4,060.000	mg/l
Total Alkalinity as CaCO3	118.000	mg/l
Total Dissolved Solids	319,000.000	mg/l
Total Hardness as CaCO3	5,489.000	mg/l