**Facility Well Name** Williams (Mitchell) #1 **UIC Permit #** KS-01-159-002 **Month** May **Year** 2021

**Submitted** 10/21/2021 **Approved** 10/28/2021 **KOLAR Document ID** 1595891

# Class I-V Injection Well Monthly Monitoring

## Summary of Monthly Report

**Number of days injection occurred:** 0

**Barrels per Day Maximum:** 20,476

| | | | 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 | 0 | 0.00 | 81 | 75 | -5.4 | -4.5 | 0 |
| Monthly Maximum | 0 | 0.00 | 90 | 80 | -2.0 | -4.0 | 0 |
| Monthly Minimum | 0 | 0.00 | 69 | 69 | -7.0 | -5.0 | 0 |
| Monthly Total | 0 | | | | | | 0 |

## Summary of Continuous Recorder Data

| Maximum Annulus Pressure psig | Minimum Annulus Pressure psig | Maximum Injection Pressure psig | Minimum Injection Pressure psig |
|---|---|---|---|
| 82.20 | 58.21 | -3.76 | -5.00 |

### Comments:

10/18/2021 - LFS - Added daily meter readings.

10/21/2021 - LFS - The Minimum INJ Pressure is -5.00 which matches the minimum pressure from the daily data. Therefore, I am unsure why this is questionable.

Williams (Mitchell) #1 05/2021

# Daily Recorder Data

| Day | Time<br>24 hr | Injection Volume<br>Barrels Per Day | Injection Rate<br>Barrels Per Minute | Annulus Pressure (Gauge)<br>psig | Annulus Pressure (Continuous Recorder)<br>psig | Injection Pressure (Gauge)<br>+ / - | Injection Pressure (Continuous Recorder)<br>+ / - | Seal Pot Fluid Level<br>inches | Type of Fluid Added to Seal Pot | Amount of Fluid Added to Seal Pot<br>gallons | Initials of Collector of Field Recordings | Meter Reading | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11:37 | 0.00 | 0.00 | 80 | 80.0 | -5 | -4.2 | 32 | N/A | 0 | AW | 58,193,600. | |
| 2 | 09:20 | 0.00 | 0.00 | 79 | 79.0 | -4 | -4.0 | 32 | N/A | 0 | AW | 58,193,600. | |
| 3 | 10:10 | 0.00 | 0.00 | 90 | 77.8 | -5 | -4.2 | 32 | N/A | 0 | TS | 58,193,600. | |
| 4 | 12:12 | 0.00 | 0.00 | 88 | 76.7 | -5 | -4.7 | 31 | N/A | 0 | TS | 58,193,600. | |
| 5 | 08:25 | 0.00 | 0.00 | 86 | 75.0 | -7 | -5.0 | 32 | N/A | 0 | TS | 58,193,600. | |
| 6 | 08:10 | 0.00 | 0.00 | 86 | 74.0 | -7 | -5.0 | 32 | N/A | 0 | TS | 58,193,600. | |
| 7 | 08:00 | 0.00 | 0.00 | 75 | 74.6 | -5 | -4.8 | 32 | N/A | 0 | BJ | 58,193,600. | |
| 8 | 10:55 | 0.00 | 0.00 | 80 | 79.0 | -4 | -4.1 | 32 | N/A | 0 | BJ | 58,193,600. | |
| 9 | 11:15 | 0.00 | 0.00 | 74 | 73.6 | -5 | -5.0 | 31 | N/A | 0 | BJ | 58,193,600. | |
| 10 | 11:30 | 0.00 | 0.00 | 86 | 74.2 | -6 | -4.7 | 31 | N/A | 0 | TS | 58,193,600. | |
| 11 | 12:10 | 0.00 | 0.00 | 86 | 73.8 | -6 | -4.8 | 31 | N/A | 0 | TS | 58,193,600. | |
| 12 | 10:10 | 0.00 | 0.00 | 84 | 74.2 | -6 | -4.9 | 32 | N/A | 0 | TS | 58,193,600. | |
| 13 | 11:35 | 0.00 | 0.00 | 85 | 75.6 | -7 | -4.7 | 31 | N/A | 0 | TS | 58,193,600. | |
| 14 | 08:48 | 0.00 | 0.00 | 84 | 73.0 | -7 | -5.0 | 32 | N/A | 0 | BK | 58,193,600. | |
| 15 | 07:48 | 0.00 | 0.00 | 86 | 74.0 | -7 | -5.0 | 32 | N/A | 0 | BK | 58,193,600. | |
| 16 | 08:59 | 0.00 | 0.00 | 86 | 76.0 | -6 | -4.0 | 32 | N/A | 0 | BK | 58,193,600. | |
| 17 | 09:11 | 0.00 | 0.00 | 86 | 75.0 | -6 | -4.0 | 32 | N/A | 0 | BK | 58,193,600. | |
| 18 | 08:15 | 0.00 | 0.00 | 74 | 74.0 | -4 | -4.3 | 32 | N/A | 0 | TS | 58,193,600. | |
| 19 | 12:58 | 0.00 | 0.00 | 86 | 75.4 | -5 | -4.3 | 32 | N/A | 0 | TS | 58,193,600. | |
| 20 | 12:57 | 0.00 | 0.00 | 76 | 75.9 | -4 | -4.2 | 32 | N/A | 0 | TS | 58,193,600. | |
| 21 | 09:23 | 0.00 | 0.00 | 84 | 74.1 | -5 | -4.5 | 32 | N/A | 0 | BJ | 58,193,600. | |
| 22 | 09:30 | 0.00 | 0.00 | 75 | 74.9 | -5 | -4.5 | 32 | N/A | 0 | BJ | 58,193,600. | |
| 23 | 09:40 | 0.00 | 0.00 | 75 | 75.1 | -5 | -4.4 | 32 | N/A | 0 | BJ | 58,193,600. | |
| 24 | 10:05 | 0.00 | 0.00 | 84 | 74.2 | -6 | -4.4 | 32 | N/A | 0 | TS | 58,193,600. | |
| 25 | 06:42 | 0.00 | 0.00 | 82 | 73.1 | -6 | -4.2 | 32 | N/A | 0 | TH | 58,193,600. | |
| 26 | 10:32 | 0.00 | 0.00 | 83 | 75.8 | -2 | -4.2 | 32 | N/A | 0 | TS | 58,193,600. | |
| 27 | 06:55 | 0.00 | 0.00 | 83 | 72.5 | -6 | -4.3 | 32 | N/A | 0 | TH | 58,193,600. | |
| 28 | 01:11 | 0.00 | 0.00 | 72 | 72.0 | -5 | -4.5 | 32 | N/A | 0 | AW | 58,193,600. | |
| 29 | 10:25 | 0.00 | 0.00 | 70 | 70.0 | -5 | -4.6 | 32 | N/A | 0 | AW | 58,193,600. | |
| 30 | 09:42 | 0.00 | 0.00 | 69 | 69.0 | -5 | -4.6 | 32 | N/A | 0 | AW | 58,193,600. | |
| 31 | 11:27 | 0.00 | 0.00 | 71 | 71.0 | -5 | -4.6 | 32 | N/A | 0 | AW | 58,193,600. | |