**Facility Well Name** Sunflower (Fort Dodge) #1 **UIC Permit #** KS-01-057-003 **Month** October **Year** 2022

**Submitted** 11/23/2022 **Approved** 11/30/2022 **KOLAR Document ID** 1674493

# Class I-V Injection Well Monthly Monitoring

## Summary of Monthly Report

**Number of days injection occurred:** 0

**Barrels per Day Maximum:** 20,571

| | | | 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 | 0 | 0.00 | 215 | 212 | 0.0 | 1.3 | |
| Monthly Maximum | 0 | 0.00 | 343 | 342 | 0.0 | 1.3 | |
| Monthly Minimum | 0 | 0.00 | 144 | 140 | 0.0 | 1.2 | |
| Monthly Total | 0 | | | | | | |

## Summary of Continuous Recorder Data

| Maximum Annulus Pressure psig | Minimum Annulus Pressure psig | Maximum Injection Pressure psig | Minimum Injection Pressure psig |
|---|---|---|---|
| 400.96 | 139.81 | 1.38 | 1.05 |

### Comments:

The actual injection rate (GPM) reading showed negative values throughout the month when the injection well had no flow and was recorded as negative, but changed to 0 for the report to indicate no flow at that time.

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# 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 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 08:28 | 0.00 | 0.00 | 237 | 234.8 | 0 | 1.2 | 31 | | | KK | | |
| 2 | 08:00 | 0.00 | 0.00 | 224 | 219.3 | 0 | 1.2 | 32 | | | KK | | |
| 3 | 07:59 | 0.00 | 0.00 | 210 | 205.7 | 0 | 1.3 | 32 | | | CG | | |
| 4 | 07:43 | 0.00 | 0.00 | 198 | 193.7 | 0 | 1.3 | 32 | | | CG | | |
| 5 | 08:14 | 0.00 | 0.00 | 188 | 183.0 | 0 | 1.3 | 32 | | | LF | | |
| 6 | 08:20 | 0.00 | 0.00 | 178 | 173.5 | 0 | 1.2 | 32 | | | LF | | |
| 7 | 07:55 | 0.00 | 0.00 | 170 | 165.2 | 0 | 1.2 | 32 | | | KK | | |
| 8 | 07:37 | 0.00 | 0.00 | 163 | 158.0 | 0 | 1.3 | 32 | | | LF | | |
| 9 | 07:43 | 0.00 | 0.00 | 156 | 151.3 | 0 | 1.3 | 32 | | | LF | | |
| 10 | 08:21 | 0.00 | 0.00 | 150 | 145.1 | 0 | 1.3 | 32 | | | LF | | |
| 11 | 08:34 | 0.00 | 0.00 | 343 | 342.2 | 0 | 1.3 | 32 | | | LF | | |
| 12 | 08:18 | 0.00 | 0.00 | 328 | 325.6 | 0 | 1.2 | 31 | | | LF | | |
| 13 | 08:22 | 0.00 | 0.00 | 311 | 308.6 | 0 | 1.2 | 31 | | | LF | | |
| 14 | 07:54 | 0.00 | 0.00 | 295 | 292.5 | 0 | 1.3 | 31 | | | CS | | |
| 15 | 07:06 | 0.00 | 0.00 | 280 | 276.8 | 0 | 1.2 | 31 | | | LF | | |
| 16 | 07:27 | 0.00 | 0.00 | 263 | 260.9 | 0 | 1.2 | 31 | | | LF | | |
| 17 | 07:53 | 0.00 | 0.00 | 248 | 246.6 | 0 | 1.2 | 31 | | | CG | | |
| 18 | 07:52 | 0.00 | 0.00 | 237 | 234.1 | 0 | 1.2 | 31 | | | CG | | |
| 19 | 07:47 | 0.00 | 0.00 | 226 | 222.9 | 0 | 1.3 | 31 | | | CG | | |
| 20 | 07:49 | 0.00 | 0.00 | 216 | 212.9 | 0 | 1.3 | 31 | | | CG | | |
| 21 | 08:19 | 0.00 | 0.00 | 205 | 203.2 | 0 | 1.3 | 32 | | | CS | | |
| 22 | 06:26 | 0.00 | 0.00 | 198 | 194.9 | 0 | 1.3 | 32 | | | CG | | |
| 23 | 06:36 | 0.00 | 0.00 | 190 | 185.8 | 0 | 1.3 | 32 | | | CG | | |
| 24 | 08:38 | 0.00 | 0.00 | 180 | 176.3 | 0 | 1.2 | 32 | | | LF | | |
| 25 | 07:51 | 0.00 | 0.00 | 173 | 169.1 | 0 | 1.2 | 32 | | | CS | | |
| 26 | 07:55 | 0.00 | 0.00 | 165 | 162.3 | 0 | 1.3 | 32 | | | CS | | |
| 27 | 08:08 | 0.00 | 0.00 | 160 | 155.9 | 0 | 1.3 | 32 | | | CS | | |
| 28 | 08:06 | 0.00 | 0.00 | 152 | 150.2 | 0 | 1.2 | 32 | | | CS | | |
| 29 | 08:25 | 0.00 | 0.00 | 149 | 144.8 | 0 | 1.3 | 32 | | | CG | | |
| 30 | 06:59 | 0.00 | 0.00 | 144 | 140.3 | 0 | 1.3 | 32 | | | CG | | |
| 31 | 08:11 | 0.00 | 0.00 | 329 | 327.0 | 0 | 1.3 | 31 | | | CG | | |