**Facility Well Name** Oxy #11 **UIC Permit #** KS-01-173-011 **Month** January **Year** 2020

**Submitted** 02/27/2020 **Approved** 02/27/2020 **KOLAR Document ID** 1506460

# Class I-V Injection Well Monthly Monitoring

## Summary of Monthly Report

**Number of days injection occurred:** 31

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

| | | | Annulus Pressure psig min 130 | | 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** | 9,072 | 6.27 | 168 | 169 | -9.2 | -10.4 | |
| **Monthly Maximum** | 11,305 | 9.57 | 180 | 181 | -3.0 | -4.0 | |
| **Monthly Minimum** | 4,500 | 1.86 | 156 | 156 | -14.0 | -14.0 | |
| **Monthly Total** | 281,227 | | | | | | |

## Summary of Continuous Recorder Data

| Maximum Annulus Pressure psig | Minimum Annulus Pressure psig | Maximum Injection Pressure psig | Minimum Injection Pressure psig |
|---|---|---|---|
| 200.80 | 140.50 | 0.50 | -15.30 |

**Comments:**

Oxy #11 01/2020

# 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 | 07:00 | 9,252.02 | 8.14 | 164 | 167.0 | -13 | -14.0 | 28 | | | LP | | |
| 2 | 06:51 | 8,508.69 | 5.64 | 168 | 169.0 | -13 | -14.0 | 29 | | | LP | | |
| 3 | 06:54 | 4,500.36 | 3.07 | 166 | 168.0 | -14 | -14.0 | 29 | | | LP | | |
| 4 | 06:55 | 7,305.86 | 7.50 | 163 | 165.0 | -13 | -14.0 | 28 | | | RW | | |
| 5 | 07:00 | 5,610.62 | 6.31 | 166 | 168.0 | -14 | -14.0 | 27 | | | RW | | |
| 6 | 06:52 | 8,249.55 | 6.36 | 175 | 172.0 | -13 | -14.0 | 28 | | | JC | | |
| 7 | 06:56 | 7,153.24 | 2.57 | 162 | 165.0 | -14 | -14.0 | 28 | | | JC | | |
| 8 | 06:53 | 8,281.17 | 3.95 | 170 | 169.0 | -13 | -14.0 | 29 | | | JC | | |
| 9 | 06:51 | 10,711.64 | 9.57 | 170 | 171.0 | -12 | -11.0 | 30 | | | BJ | | |
| 10 | 06:53 | 7,970.07 | 1.86 | 170 | 172.0 | -13 | -14.0 | 31 | | | HM | | |
| 11 | 07:05 | 9,716.50 | 7.67 | 174 | 176.0 | -13 | -14.0 | 27 | | | HM | | |
| 12 | 06:55 | 7,445.88 | 2.60 | 170 | 169.0 | -13 | -14.0 | 27 | | | HM | | |
| 13 | 07:05 | 8,791.81 | 5.31 | 170 | 171.0 | -14 | -14.0 | 28 | | | AB | | |
| 14 | 07:05 | 10,415.33 | 7.33 | 174 | 168.0 | -14 | -13.0 | 25 | | | AB | | |
| 15 | 07:00 | 10,267.57 | 7.24 | 168 | 160.0 | -13 | -14.0 | 29 | | | AB | | |
| 16 | 06:55 | 10,525.26 | 7.24 | 178 | 178.0 | -10 | -12.0 | 26 | | | AB | | |
| 17 | 07:14 | 10,550.79 | 7.24 | 180 | 181.0 | -13 | -14.0 | 28 | | | DT | | |
| 18 | 07:10 | 11,304.93 | 7.90 | 158 | 160.0 | -4 | -13.0 | 28 | | | DT | | |
| 19 | 07:08 | 11,266.10 | 7.81 | 156 | 157.0 | -6 | -8.0 | 27 | | | DT | | |
| 20 | 07:01 | 9,910.14 | 7.00 | 170 | 168.0 | -5 | -9.0 | 26 | | | HM | | |
| 21 | 06:51 | 9,591.88 | 6.48 | 158 | 156.0 | -3 | -4.0 | 25 | | | HM | | |
| 22 | 07:03 | 10,088.36 | 6.83 | 166 | 165.0 | -3 | -4.0 | 26 | | | HM | | |
| 23 | 06:51 | 10,349.88 | 6.79 | 170 | 168.0 | -3 | -4.0 | 25 | | | HM | | |
| 24 | 07:07 | 9,795.17 | 6.88 | 167 | 169.0 | -3 | -5.0 | 24 | | | BJ | | |
| 25 | 07:09 | 9,303.10 | 6.45 | 166 | 169.0 | -3 | -4.0 | 24 | | | BJ | | |
| 26 | 07:00 | 9,103.14 | 6.21 | 168 | 169.0 | -3 | -4.0 | 24 | | | DT | | |
| 27 | 06:52 | 8,975.57 | 6.69 | 172 | 172.0 | -6 | -7.0 | 27 | | | DT | | |
| 28 | 06:50 | 9,758.14 | 6.69 | 168 | 171.0 | -10 | -11.0 | 27 | | | DT | | |
| 29 | 06:50 | 9,852.10 | 7.21 | 168 | 169.0 | -5 | -5.0 | 27 | | | DT | | |
| 30 | 07:15 | 8,560.52 | 5.95 | 168 | 171.0 | -5 | -5.0 | 26 | | | DT | | |
| 31 | 07:08 | 8,111.64 | 5.79 | 170 | 172.0 | -5 | -6.0 | 24 | | | RW | | |