



Water Quality Field Data Sheet

Sample Date 2/29/2024
 Sampler(s) MH

Operator Occidental Petroleum Corporation (OXY) **O&G Well / Project Name** GWA_Griswold_27N_11HZ

Sample Reason 615 Initial

Sample Name Austin_258678 **Permit** 258678 **Receipt** 0527129 **Facility ID** 753915

QQ SWSW **Sec** 11 **TwN** 1N **Rng** 66W **County** Weld **State** CO **Use** Domestic, Stock

DWR Permitted UTMS: **UTM E** 521257.7 **UTM N** 4434370.1 **Z13** **Field Measured Elevation (ft)** 5164

Field Verified Location: **UTM E** 5211272 **UTM N** 4434389 **Z13 Lat** 40.05948 **Long** -104.750579 **NAD 83**

Approximate Distance to the Oil & Gas well pad 0.46 mi **ECMC Location ID** 440557

Owner Information

Landowner: James and Charlotte Austin **Mailing Address:** 16115 County Road 10 **Physical Address:** 16115 County Road 10 **Individuals Present During Sampling:** None

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Well Information

Well Depth (ft) 500 **Water Level (ft)** 237 **Surface Casing Diameter (in)** 6.625 **Drop Pipe Diameter (in)** Unk

Pump Type Submersible **Pump Manufacturer** Unknown **HP** Unk **Phase** Unk **Pump Intake (ft)** Unk

Well House No **Vault** No **Pitless** Yes **Surf. Discharge Pipe** No **Confined Space** No **Access for WL** Yes

Well Seal Yes **Type/Manufacturer** Monitor **Vented** Yes **Gas Flow from Vent** No

Storage Tank No **Storage Tank Volume (gal)** - **Pressure Tank** Yes **Pressure Tank Volume (gal)** 30

Ground Slope Near Well? No **Area Desc/Proximity** ~100' east of house

Condition of well Good

Initial LEL% 0 **x0.05= CH4** 0 **Post-Sample LEL%** 0 **x0.05= CH4** 0 **Gas Reading Location** Wellhead

Water Use Daily domestic **Treatment** Sediment filter in house - bypassed **Used for drinking?** No

Sample Information

| Clock Time | Elapsed Time | Rate (calc) | Flow (gal/sec) | Temp (°C) | pH | Sp. Con. (uS/cm) | ORP (mV) | DO (mg/L) | Turbidity | Color | Odor | Sediment | Bubbles / Effervescence | LEL (%) |
|----------------------------|--------------|-------------|----------------|-----------|------|------------------|----------|-----------|-----------|-------|------|-----------|-------------------------|---------|
| Pre-Purge Reading | | | | | | | | | | | | | | |
| 10:00 | 0:00 | 4.00 | 1 15 | 8.2 | 8.38 | 1948 | 50.8 | 4.06 | 0.63 | Clear | None | See notes | Effervescence | 0 |
| Post-Purge Readings | | | | | | | | | | | | | | |
| 10:56 | 0:56 | 0.27 | 1 224 | 12.3 | 8.41 | 1945 | -66.5 | 0.30 | 1.25 | Clear | None | None | Effervescence | 0 |
| 10:59 | 0:59 | 0.27 | 1 224 | 12.0 | 8.34 | 1948 | -57.6 | 0.29 | 0.97 | Clear | None | None | Effervescence | 0 |
| 11:02 | 1:02 | 0.27 | 1 224 | 11.8 | 8.34 | 1948 | -61.4 | -0.05 | 0.50 | Clear | None | None | Effervescence | 0 |
| 11:05 | 1:05 | 0.27 | 1 224 | 11.6 | 8.30 | 1948 | -65.6 | -0.04 | 0.32 | Clear | None | None | Effervescence | 0 |
| 11:08 | 1:08 | 0.27 | 1 224 | 11.5 | 8.37 | 1949 | -79.6 | 0.52 | 0.61 | Clear | None | None | Effervescence | 0 |
| 11:11 | 1:11 | 0.27 | 1 224 | 11.4 | 8.41 | 1949 | -80.3 | 0.30 | 0.06 | Clear | None | None | Effervescence | 0 |
| 11:14 | 1:14 | 0.27 | 1 224 | 11.4 | 8.48 | 1949 | -88.7 | 0.37 | 0.02 | Clear | None | None | Effervescence | 0 |
| 11:17 | 1:17 | 0.27 | 1 224 | 11.3 | 8.60 | 1950 | -98.5 | 0.29 | 0.17 | Clear | None | None | Effervescence | 0 |
| 11:20 | 1:20 | 0.27 | 1 224 | 11.4 | 8.67 | 1948 | -114.4 | 0.27 | 0.05 | Clear | None | None | Effervescence | 0 |

Sample Location Spigot near wellhead **Tanks Bypassed?** Unk **Flow Cell Used?** Yes **Avg Flow Cell Rate (gpm)** 0.27

Initial Purge Volume (g) 136 **Purged with Flow Cell (g)** 10 **Total Volume Purged (g)** 146 **Sampling Flow Rate (gpm)** 0.5

Sample/Visit Time 11:20 **Weather** 46°F Sunny **Field Conditions** Dry

