



Water Quality Field Data Sheet

Sample Date 2/17/2022
 Sampler(s) MH

Operator Occidental Petroleum Corporation (OXY) **O&G Well / Project Name** GWA_Schrute_Farms_9_1HZ

Sample Reason Voluntary Baseline

Sample Name Warren_50887 **Permit** 50887 **Receipt** 9064683 **Facility ID** 752821

QQ NWSW **Sec** 21 **TwN** 1N **Rng** 67W **County** Weld **State** CO **Use** Domestic

DWR Permitted UTMS: **UTM E** 508308.4 **UTM N** 4431612.1 **Z13** **Field Measured Elevation (ft)** 5085

Field Verified Location: **UTM E** 508137 **UTM N** 4431706 **Z13 Lat** 40.035536 **Long** -104.904628 **NAD 83**

Approximate Distance to the Oil & Gas well pad 1.7 mi **O&G Facility Number** 479200

Owner Information

| | | | |
|-----------------------------|--|--------------------------|--|
| Landowner: | Mailing Address: | Physical Address: | Individuals Present During Sampling |
| Warren, Delvin and Gertrude | 847 Linger Dr | 2444 County Road 17 | None |
| Phone: 928-667-1142 | Parker, AZ 85344-8135 | Brighton, CO 80603 | |
| Cell: 303-882-4904 (?) | Alt Contact: C/O Warrens Landscape & Sprinkler Inc | | |

Well Information

Well Depth (ft) 650 **Water Level (ft)** 266 **Surface Casing Diameter (in)** 6.625 **Drop Pipe Diameter (in)** Unk

Pump Type Submersible **Pump Manufacturer** Unknown **HP** Unk **Phase** 1 **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** Split Steel **Vented** Yes **Gas Flow from Vent** No

Storage Tank No **Storage Tank Volume (gal)** NA **Pressure Tank** No **Pressure Tank Volume (gal)** NA

Ground Slope Near Well? Downward from the north towards well **Area Desc/Proximity** ~50 ft South of house

Condition of well Well seal cracked; missing bolt

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

Water Use Not currently used **Treatment** None **Used for drinking?** Yes (when used)

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 | | | | | | | | | | | | | | |
| 9:35 | 0:00 | 4.00 | 1 15 | 10.4 | 8.53 | 1057 | 135.6 | 4.47 | 0.02 | Clear | None | Few black | Effervescence | 0 |
| Post-Purge Readings | | | | | | | | | | | | | | |
| 10:35 | 1:00 | 0.30 | 1 200 | 13.18 | 8.58 | 1066.8 | -129.7 | 0.33 | 0.35 | Clear | None | None | Effervescence | 0 |
| 10:38 | 1:03 | 0.30 | 1 200 | 13.17 | 8.60 | 1065.8 | -119.4 | 0.29 | 0.02 | Clear | None | None | Effervescence | 0 |
| 10:41 | 1:06 | 0.30 | 1 200 | 13.15 | 8.62 | 1065.1 | -127.7 | 0.24 | 0.02 | Clear | None | None | Effervescence | 0 |
| 10:44 | 1:09 | 0.30 | 1 200 | 13.01 | 8.63 | 1064.2 | -125.0 | 0.21 | 0.02 | Clear | None | None | Effervescence | 0 |
| 10:47 | 1:12 | 0.30 | 1 200 | 12.99 | 8.64 | 1064.5 | -127.9 | 0.18 | 0.02 | Clear | None | None | Effervescence | 0 |
| Sample Location Green hose bib on E wall of house Tanks Bypassed? Yes Flow Cell Used? Yes Avg Flow Cell Rate (gpm) 0.30 | | | | | | | | | | | | | | |
| Initial Purge Volume (g) 83 Purged with Flow Cell (g) 3 Total Volume Purged (g) 86 Sampling Flow Rate (gpm) 0.3 | | | | | | | | | | | | | | |
| Sample/Visit Time 10:50 Weather 20°F, Sunny Field Conditions Melting snow and mud on ground | | | | | | | | | | | | | | |

