



# Water Quality Field Data Sheet

Sample Date 6/10/2025  
 Sampler(s) AI

**Operator** Occidental Petroleum Corporation (OXY) **O&G Well / Project Name** GWA\_Fern\_Pad

**Sample Reason** Voluntary baseline

**Sample Name** Bearson\_158040 **Permit** 158040 **Receipt** 0313213 **Facility ID** 753868

**QQ** SWSW **Sec** 18 **TwN** 2N **Rng** 66W **County** Weld **State** CO **Use** Domestic

**DWR Permitted UTMS:** **UTM E** 514753.1 **UTM N** 4442596.9 **Z13** **Field Measured Elevation (ft)** 4806

**Field Verified Location:** **UTM E** 514724 **UTM N** 4442636 **Z13 Lat** 40.13389 **Long** -104.82718 **NAD 83**

**Approximate Distance to the Oil & Gas well pad** 2.9 mi **ECMC Location ID** 490250

### Owner Information

**Landowner:** Darrell and Nelva Bearson  
 Phone: 303-718-3650  
 Cell:

**Mailing Address:** 9208 County Road 25  
 Fort Lupton, CO 80621-9308  
 Alt Contact:

**Physical Address:** 9208 County Road 25  
 Fort Lupton, CO 80621

**Individuals Present During Sampling**  
 Kylie

### Well Information

**Well Depth (ft)** 500 **Water Level (ft)** 233 **Surface Casing Diameter (in)** 7 **Drop Pipe Diameter (in)** 1

**Pump Type** Submersible **Pump Manufacturer** Jacuzzi **HP** 1.5 **Phase** 1 **Pump Intake (ft)** 380

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

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

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

**Ground Slope Near Well?** Yes **Area Desc/Proximity** North of House by Dumpster

**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** None **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 (%)
<b>Pre-Purge Reading</b>														
8:57	0:00	4.00	1 15	17.2	8.82	1027	127.2	1.50	0.02	Light Grey	Slight Sulfur	Non-magnetic Black Flakes	Bubbles / Effervescence	0
<b>Post-Purge Readings</b>														
11:00	2:03	0.29	1 208	16.7	8.75	1022	-151.8	0.13	0.02	Clear	None	None	Bubbles / Effervescence	0
11:03	2:06	0.29	1 208	16.6	8.74	1023	-171.7	0.10	0.02	Clear	None	None	Bubbles / Effervescence	0
11:06	2:09	0.29	1 208	16.7	8.75	1022	-186.7	0.09	0.02	Clear	None	None	Bubbles / Effervescence	0
11:09	2:12	0.29	1 208	16.5	8.76	1024	-198.5	0.08	0.02	Clear	None	None	Bubbles / Effervescence	0
11:12	2:15	0.29	1 208	16.7	8.76	1024	-207.8	0.08	0.02	Clear	None	None	Bubbles / Effervescence	0
<b>Sample Location</b> <span style="border: 1px solid black; padding: 2px;">Spigot in front of House</span> <b>Tanks Bypassed?</b> <span style="border: 1px solid black; padding: 2px;">Yes</span> <b>Flow Cell Used?</b> <span style="border: 1px solid black; padding: 2px;">Yes</span> <b>Avg Flow Cell Rate (gpm)</b> <span style="border: 1px solid black; padding: 2px;">0.29</span>														
<b>Initial Purge Volume (g)</b> <span style="border: 1px solid black; padding: 2px;">440</span> <b>Purged with Flow Cell (g)</b> <span style="border: 1px solid black; padding: 2px;">5</span> <b>Total Volume Purged (g)</b> <span style="border: 1px solid black; padding: 2px;">445</span> <b>Sampling Flow Rate (gpm)</b> <span style="border: 1px solid black; padding: 2px;">0.5</span>														
<b>Sample/Visit Time</b> <span style="border: 1px solid black; padding: 2px;">11:12</span> <b>Weather</b> <span style="border: 1px solid black; padding: 2px;">Sunny 83°F</span> <b>Field Conditions</b> <span style="border: 1px solid black; padding: 2px;">Dry</span>														

