



Water Quality Field Data Sheet

Sample Date 12/14/2023
 Sampler(s) PP

Operator Occidental Petroleum Corporation (OXY) **O&G Well / Project Name** GWA - Salazar 5-20HZ

Sample Reason 615 Pre Drill

Sample Name Salazar 232985 **Permit** 232985 **Receipt** 0475501 **Facility ID** 753512

QQ SWNE **Sec** 20 **TwN** 3N **Rng** 67W **County** Weld **State** CO **Use** Domestic

DWR Permitted UTMS: **UTM E** 507316 **UTM N** 4451276.8 **Z13** **Field Measured Elevation (ft)** 4867

Field Verified Location: **UTM E** 507339 **UTM N** 4451226 **Z13 Lat** 40.21142 **Long** -104.9138 **NAD 83**

Approximate Distance to the Oil & Gas well pad 0.42 mi **O&G Facility Number** 485278

Owner Information

Landowner: Paul and Laura Salazar **Mailing Address:** 14542 County Road 17 **Physical Address:** 14542 County Road 17 **Individuals Present During Sampling:** Laura Salazar

Phone: 720-933-7117 **Platteville, CO** 80651-9101 **Platteville, CO** 80651

Cell: **Alt Contact:**

Well Information

Well Depth (ft) 120 **Water Level (ft)** 25 **Surface Casing Diameter (in)** 6.625 **Drop Pipe Diameter (in)** 1

Pump Type Submersible **Pump Manufacturer** Goulds **HP** 0.5 **Phase** Unk **Pump Intake (ft)** 110

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

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

Storage Tank UNK **Storage Tank Volume (gal)** - **Pressure Tank** Yes **Pressure Tank Volume (gal)** 45

Ground Slope Near Well? To the Southeast **Area Desc/Proximity** Southeast of house in lawn

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** In home **Used for drinking?** Yes

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														
10:05	0:00	4.00	1 15	7.1	7.22	2643	258.8	6.05	0.02	Clear	None	None	Bubbles / Effervescence	0
Post-Purge Readings														
11:00	0:55	0.30	1 200	3.57	7.35	2765.7	164.6	7.42	0.02	Clear	None	None	Bubbles / Effervescence	0
11:03	0:58	0.30	1 200	3.12	7.37	2774.1	160.5	7.46	0.02	Clear	None	None	Bubbles / Effervescence	0
11:06	1:01	0.30	1 200	2.81	7.38	2783.6	159.9	7.52	0.02	Clear	None	None	Bubbles / Effervescence	0
11:09	1:04	0.30	1 200	2.65	7.38	2780.8	153.8	7.64	0.02	Clear	None	None	Bubbles / Effervescence	0
11:12	1:07	0.30	1 200	2.69	7.38	2783.2	152.5	7.64	0.02	Clear	None	None	Few Bubbles / Effervescence	0
11:15	1:10	0.30	1 200	2.83	7.38	2783.5	151.6	7.63	0.02	Clear	None	None	Few Bubbles / Effervescence	0
11:18	1:13	0.30	1 200	2.96	7.38	2778.4	151.4	7.60	0.02	Clear	None	None	Few Bubbles / Effervescence	0
11:21	1:16	0.30	1 200	3.04	7.38	2775.3	151.0	7.59	0.02	Clear	None	None	Few Bubbles / Effervescence	0

Sample Location Hose bib on southeast side of house **Tanks Bypassed?** No **Flow Cell Used?** Yes **Avg Flow Cell Rate (gpm)** 0.30

Initial Purge Volume (g) 132 **Purged with Flow Cell (g)** 10 **Total Volume Purged (g)** 142 **Sampling Flow Rate (gpm)** 0.5

Sample/Visit Time 11:21 **Weather** 30°F Cloudy **Field Conditions** Damp

