



Water Quality Field Data Sheet

Sample Date 9/11/2023
 Sampler(s) EF

Operator Occidental Petroleum Corporation (OXY) **O&G Well / Project Name** GWA - Hoy Water Well

Sample Reason Voluntary post drill

Sample Name Hoy 260947 **Permit** 260947 **Receipt** 0531596 **Facility ID** 705801

QQ NWNW **Sec** 33 **TwN** 3N **Rng** 66W **County** Weld **State** CO **Use** Domestic

DWR Permitted UTMS: **UTM E** 518094.2 **UTM N** 4448660.8 **Z13** **Field Measured Elevation (ft)** 4948

Field Verified Location: **UTM E** 518036 **UTM N** 4448699 **Z13 Lat** 40.188484 **Long** -104.788122 **NAD 83**

Approximate Distance to the Oil & Gas well pad N/A **O&G Facility Number** N/A

Owner Information

Landowner:	Mailing Address:	Physical Address:	Individuals Present During Sampling
Thomas Hoy & Stacey Steen	PO Box 402	14180 County Road 28	None
Phone: 970-473-5518	Platteville, CO 80651-0402	Platteville, CO 80651	
Cell:	Alt Contact:		

Well Information

Well Depth (ft) 500 **Water Level (ft)** 180 **Surface Casing Diameter (in)** 7 **Drop Pipe Diameter (in)** 1

Pump Type Submersible **Pump Manufacturer** Sta-Rite **HP** 1.5 **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** Monitor **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? No **Area Desc/Proximity** ~ 200 ft North of the 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** Filtration **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														
9:30	0:00	4.00	1 15	18.3	8.15	2031	-58.0	3.98	16.8	Yellow/Green	None	Small black flakes	Bubbles / Effervescence	0
Post-Purge Readings														
10:06	0:36	0.38	1 160	18.5	7.98	2027	-85.6	0.67	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:09	0:39	0.38	1 160	18.5	7.98	2023	-88.1	0.15	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:12	0:42	0.38	1 160	18.5	7.99	2022	-88.9	0.10	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:15	0:45	0.38	1 160	18.2	7.91	2166	-88.5	0.12	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:18	0:48	0.38	1 160	18.2	7.90	2173	-88.1	0.10	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:21	0:51	0.38	1 160	18.5	7.97	2060	-89.8	0.07	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:24	0:54	0.38	1 160	18.6	7.97	2051	-90.7	0.07	0.02	Yellow	None	None	Bubbles / Effervescence	0
10:27	0:57	0.38	1 160	18.6	7.97	2050	-91.1	0.07	0.02	Yellow	None	None	Bubbles / Effervescence	0

Sample Location Spigot N of the house **Tanks Bypassed?** Yes **Flow Cell Used?** Yes **Avg Flow Cell Rate (gpm)** 0.38

Initial Purge Volume (g) 53 **Purged with Flow Cell (g)** 5 **Total Volume Purged (g)** 58 **Sampling Flow Rate (gpm)** 0.5

Sample/Visit Time 10:27 **Weather** 60°F Overcast **Field Conditions** Damp

