



Water Quality Field Data Sheet

Sample Date 3/24/2025
 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 485276.99 UTM N 4442632.18 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:	Mailing Address:	Physical Address:	Individuals Present During Sampling
Darrell and Nelva Bearson	9208 County Road 25	9208 County Road 25	None
Phone: 303-718-3650	Fort Lupton, CO 80621-9308	Fort Lupton, CO 80621	
Cell:	Alt Contact:		

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 Merrill 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? 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														
9:03	0:00	4.00	1 15	15.9	8.86	1020	122.8	1.75	23.5	Slightly Grey	None	Non-magnetic black flakes	Bubbles / Effervescence	0
Post-Purge Readings														
10:10	1:07	0.29	1 208	16.4	8.85	1019	-197.7	0.10	0.02	Clear	None	None	Bubbles / Effervescence	0
10:13	1:10	0.29	1 208	15.7	8.86	1020	-210.4	0.08	0.02	Clear	None	None	Bubbles / Effervescence	0
10:16	1:13	0.29	1 208	15.3	8.86	1019	-220.2	0.07	0.02	Clear	None	None	Bubbles / Effervescence	0
10:19	1:16	0.29	1 208	14.4	8.87	1020	-225.8	0.07	0.02	Clear	None	None	Bubbles / Effervescence	0
10:22	1:19	0.29	1 208	14.3	8.87	1018	-232.9	0.05	0.02	Clear	None	None	Bubbles / Effervescence	0
10:25	1:22	0.29	1 208	14.9	8.90	1017	-240.0	0.05	0.02	Clear	None	None	Bubbles / Effervescence	0
10:28	1:25	0.29	1 208	15.0	8.89	1019	-243.3	0.06	0.02	Clear	None	None	Bubbles / Effervescence	0

Sample Location Spigot in front of house Tanks Bypassed? Yes Flow Cell Used? Yes Avg Flow Cell Rate (gpm) 0.29

Initial Purge Volume (g) 95 Purged with Flow Cell (g) 10 Total Volume Purged (g) 105 Sampling Flow Rate (gpm) 0.5

Sample/Visit Time 10:28 Weather 65°F, Cloudy Field Conditions Dry

