



Water Quality Field Data Sheet

Sample Date 7/20/2023

Sampler(s) PP

Operator Occidental Petroleum Corporation (OXY) O&G Well / Project Name GWA_Land_Fed_10_29HZ

Sample Reason Voluntary baseline

Sample Name Gildea_264754 Permit 264754 Receipt 0539754 Facility ID 708165

QQ SESE Sec 8 Twn 2N Rng 66W County Weld State CO Use Domestic

DWR Permitted UTMS: UTM E 517701.8 UTM N 4444205.3 Z13 Field Measured Elevation (ft) 4900

Field Verified Location: UTM E 517681.47 UTM N 4444221.28 Z13 Lat 40.14815 Long -104.79241 NAD 83

Approximate Distance to the Oil & Gas well pad 2.75 O&G Facility Number 484136

Owner Information

Landowner:	Mailing Address:	Physical Address:	Individuals Present During Sampling
Robert and Carol Gildea	13935 County Road 22	13935 County Road 22	Robert and Carol Gildea
Phone: 303-452-8851	Fort Lupton, CO 80621-9508	Fort Lupton, CO 80621	
Cell:	Alt Contact:		

Well Information

Well Depth (ft) 615 Water Level (ft) 160 Surface Casing Diameter (in) 5 Drop Pipe Diameter (in) 1

Pump Type Submersible Pump Manufacturer Goulds HP 3 Phase 1 Pump Intake (ft) 446

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 No Storage Tank Volume (gal) - Pressure Tank No Pressure Tank Volume (gal) -

Ground Slope Near Well? No Area Desc/Proximity 20 feet north of home under bucket

Condition of well Fair- Dirty

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

Water Use Daily Domestic Treatment No 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 (%)
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Pre-Purge Reading

9:10	0:00	4.00	1	15	18.0	8.45	1539	90.8	1.47	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	0
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Post-Purge Readings

9:47	0:37	0.30	1	200	18.05	8.48	1556.9	-186.4	0.05	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	12
9:50	0:40	0.30	1	200	18.01	8.48	1560.4	-186.9	0.05	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	8
9:53	0:43	0.30	1	200	17.96	8.49	1557.0	-183.7	0.05	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	16
9:56	0:46	0.30	1	200	17.93	8.49	1555.7	-183.8	0.05	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	16
9:59	0:49	0.30	1	200	17.88	8.49	1556.2	-185.0	0.05	0.02	Clear	None	Few magnetic black flakes	Bubbles / Effervescence	11

Sample Location Spigot west of wellhead Tanks Bypassed? No Flow Cell Used? Yes Avg Flow Cell Rate (gpm) 0.30

Initial Purge Volume (g) 40 Purged with Flow Cell (g) 5 Total Volume Purged (g) 45 Sampling Flow Rate (gpm) 0.5

Sample/Visit Time 9:59 Weather 71° F and Partly Cloudy Field Conditions Damp

