



Water Quality Field Data Sheet

Sample Date 5/1/2020
 Sampler(s) TS

Operator Occidental Petroleum Corporation (OXY) O&G Well / Project Name GWA - Pettinger 18-1HZ

Sample Reason 318A.f Subsequent

Sample Name Pettinger 13007-R Permit 13007-R Receipt 9061402 Facility ID 752918

QQ SWSE Sec 18 Twn 1N Rng 65W County Weld State CO Use Irrigation

DWR Permitted UTMS: UTM E 525031.1 UTM N 4433486 Z13 Field Measured Elevation (ft) 5023

Field Verified Location: UTM E 525201 UTM N 4432861 Z13 Lat 40.04560725 Long -104.7045706 NAD 83

Approximate Distance to the Oil & Gas well pad 550 ft O&G API Number 05-123-47348

Owner Information

Landowner: Len & Joann Pettinger Living Trust Mailing Address: 18437 County Road 8
Brighton, CO 80603 Physical Address: 18437 County Road 8
Brighton, CO 80603 Individuals Present During Sampling Rory Pettinger

Phone: 303-659-0581 Cell: Alt Contact: Roxanne Lang, Rory Pettinger

Well Information

Well Depth (ft) 101 Water Level (ft) 75 Surface Casing Diameter (in) 18 Drop Pipe Diameter (in) 8

Pump Type Submersible Pump Manufacturer US Motors HP Unk Phase 3 Pump Intake (ft) 86

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

Well Seal Yes Type/Manufacturer Goulds Vented No Gas Flow from Vent N/A

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

Ground Slope Near Well? No Area Desc/Proximity Northeast of house by large straw bales.

Condition of well Good

Initial LEL% 0 x0.05= CH4 0 Post-Sample LEL% 0 x0.05= CH4 0 Gas Reading Location Spigot/Water

Water Use Irrigation Treatment None Used for drinking? No

Sample Information

Clock Time	Elapsed Time	Flow 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														
9:10	0:00	900.00	15	1	13.8	7.51	1179	145.6	7.49	0.25	Light Grey	None	None	0
Post-Purge Readings														
9:20	0:00	60.00	15	1	14.1	6.26	1182	101.5	6.20	0.02	Light Grey	None	None	0

Sample Location Casing off of wellhead Tanks Bypassed? Yes Flow Cell Used? No Avg Flow Cell Rate (gpm) N/A

Initial Purge Volume (g) 900+ Purged with Flow Cell (g) 0 Total Volume Purged (g) 900+ Sampling Flow Rate (gpm) 0

Sample/Visit Time 9:20 Weather 65° F, Sunny Field Conditions Dry

