



Water Quality Field Data Sheet

Sample Date 9/26/2023
 Sampler(s) EF

Operator D90 Energy LLC O&G Well / Project Name Rabbit Ears 23 Pad

Sample Reason 615 Initial

Sample Name Valkenburg 91638 Permit 91638 Receipt 9118971 Facility ID 757002

QQ SENE Sec 23 Twn 6N Rng 81W County Jackson State CO Use Stock

DWR Permitted UTMS: UTM E 377180 UTM N 4481441 Z13 Field Measured Elevation (ft) 8390

Field Verified Location: UTM E 377182.2 UTM N 4481440.2 Z13 Lat 40.47457065 Long -106.4488821 NAD 83

Approximate Distance to the Oil & Gas well pad 0.22 mi O&G Facility Number 416625

Owner Information

Landowner: Linda Van Valkenburg Mailing Address: 12338 State Hwy 14 Physical Address: 12338 State Hwy 14 Individuals Present During Sampling None

Phone: 970-370-9386 Walden, CO 80480 Walden, CO 80480

Cell: 0 Alt Contact:

Well Information

Well Depth (ft) 100 Water Level (ft) 50 Surface Casing Diameter (in) 6.25 Drop Pipe Diameter (in) Unk

Pump Type Submersible Pump Manufacturer Goulds HP Unk Phase 1 Pump Intake (ft) 95

Well House No Vault No Pitless Yes Surf. Discharge Pipe Yes 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) NA Pressure Tank Yes Pressure Tank Volume (gal) Unk

Ground Slope Near Well? 10° West Area Desc/Proximity South of home ~ 50ft under old windmill

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 house; bypassed Used for drinking? Yes

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														
11:50	0:00	4.00	1 15	10.0	6.93	571	90.0	3.42	189	Orange	None	<small>Small rust flakes, red sediment</small>	Effervescence	0
Post-Purge Readings														
11:58	0:32	0.27	1 224	10.15	8.29	443.7	21.5	0.27	0.02	Clear	None	None	Effervescence	0
12:01	0:35	0.27	1 224	10.05	8.26	443.7	37.1	0.20	0.02	Clear	None	None	Effervescence	0
12:04	0:38	0.27	1 224	10.10	8.20	441.6	49.6	0.23	0.02	Clear	None	None	Effervescence	0
12:07	0:41	0.27	1 224	10.24	8.17	441.3	53.3	0.21	0.02	Clear	None	None	Effervescence	0
12:10	0:44	0.27	1 224	10.44	8.13	440.6	55.8	0.26	0.02	Clear	None	None	Effervescence	0

Sample Location Spigot on wellhead Tanks Bypassed? Yes Flow Cell Used? Yes Avg Flow Cell Rate (gpm) 0.29

Initial Purge Volume (g) 12 Purged with Flow Cell (g) 5 Total Volume Purged (g) 17 Sampling Flow Rate (gpm) 0.5

Sample/Visit Time 12:39 Weather 72°F, Sunny Field Conditions Dry

