



Water Quality Field Data Sheet

Sample Date 3/4/2024
 Sampler(s) EF

Operator Occidental Petroleum Corporation (OXY)		O&G Well / Project Name GWA_Griswold_27N_11HZ	
Sample Reason Voluntary Pre-Drill			
Sample Name Buffalo 58905-F		Permit 58905-F	Receipt 503514
Facility ID 753953			
QQ SENW	Sec 12	Twn 1N	Rng 66W
County Weld	State CO	Use Municipal	
DWR Permitted UTMS: UTM E 523101.7		UTM N 4435122	Z13
Field Measured Elevation (ft) 5026			
Field Verified Location: UTM E 523098.41		UTM N 4435127.19	Z13 Lat 40.066085
Long -104.729138		NAD 83 	
Approximate Distance to the Oil & Gas well pad 0.79 mi		ECMC Location ID 440557	

Owner Information

Landowner:	Mailing Address:	Physical Address:	Individuals Present During Sampling
Buffalo Ridge Homeowners Association	PO Box 558	4511 Meadow Lark Road	Ed Engle, Mike Desanti
Phone:	Fort Lupton, CO 80621-0558	Fort Lupton, CO 80621	
Cell:	Alt Contact:		

Well Information

Well Depth (ft) 1111	Water Level (ft) 514	Surface Casing Diameter (in) 18	Drop Pipe Diameter (in) Unk
Pump Type Submersible	Pump Manufacturer Unknown	HP Unk	Phase Unk
Pump Intake (ft) 867			
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 Yes	Storage Tank Volume (gal) 60000	Pressure Tank No	Pressure Tank Volume (gal) -
Ground Slope Near Well? No	Area Desc/Proximity NW of Eagle St. and Meadow Lark Rd. junction		
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 Chlorine	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														
10:35	0:00	-	-	16.0	8.78	1160	78.7	1.21	5.6	Clear	None	Fine sand and black flakes	Bubbles / Effervescence	0
Post-Purge Readings														
10:47	0:12	-	-	14.2	8.58	1223	75.1	1.65	1.26	Clear	None	Fine sand and black flakes	Bubbles / Effervescence	0
Sample Location	Spigot in pumphouse		Tanks Bypassed?	Yes		Flow Cell Used?	No		Avg Flow Cell Rate (gpm)	-				
Initial Purge Volume (g)	5		Purged with Flow Cell (g)	-		Total Volume Purged (g)	5		Sampling Flow Rate (gpm)	0.5				
Sample/Visit Time	10:47		Weather	35°F, Sunny		Field Conditions	Dry							

