



# Water Quality Field Data Sheet

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

Operator	<span style="border: 1px solid black; padding: 2px;">Occidental Petroleum Corporation (OXY)</span>	O&G Well / Project Name	<span style="border: 1px solid black; padding: 2px;">GWA_Griswold_27N_11HZ</span>		
Sample Reason	<span style="border: 1px solid black; padding: 2px;">Voluntary Pre-Drill</span>				
Sample Name	<span style="border: 1px solid black; padding: 2px;">Martin 47218-F</span>	Permit	<span style="border: 1px solid black; padding: 2px;">47218-F</span>	Receipt	<span style="border: 1px solid black; padding: 2px;">0404761C</span>
		Facility ID	<span style="border: 1px solid black; padding: 2px;">753954</span>		
QQ	<span style="border: 1px solid black; padding: 2px;">NWSW</span>	Sec	<span style="border: 1px solid black; padding: 2px;">12</span>	TwN	<span style="border: 1px solid black; padding: 2px;">1N</span>
		Rng	<span style="border: 1px solid black; padding: 2px;">66W</span>	County	<span style="border: 1px solid black; padding: 2px;">Weld</span>
		State	<span style="border: 1px solid black; padding: 2px;">CO</span>	Use	<span style="border: 1px solid black; padding: 2px;">Commercial, Municipal</span>
DWR Permitted UTMS:	UTM E	<span style="border: 1px solid black; padding: 2px;">522800.9</span>	UTM N	<span style="border: 1px solid black; padding: 2px;">4434738.6</span>	Z13
		Field Measured Elevation (ft)	<span style="border: 1px solid black; padding: 2px;">5094</span>		
Field Verified Location:	UTM E	<span style="border: 1px solid black; padding: 2px;">522797.94</span>	UTM N	<span style="border: 1px solid black; padding: 2px;">4434713.84</span>	Z13
		Lat	<span style="border: 1px solid black; padding: 2px;">40.062369</span>	Long	<span style="border: 1px solid black; padding: 2px;">-104.7326761</span>
		NAD 83			
Approximate Distance to the Oil & Gas well pad	<span style="border: 1px solid black; padding: 2px;">0.79 mi</span>		ECMC Location ID	<span style="border: 1px solid black; padding: 2px;">440557</span>	

## Owner Information

Landowner:	Mailing Address:	Physical Address:	<b>Individuals Present During Sampling</b>
Buffalo Ridge Homeowners Association	PO Box 558	Buffalo Ridge Estates	ED Engle, Mike Desanti
Phone:	Fort Lupton, CO 80621-0558		
Cell:	Alt Contact:		

## Well Information

Well Depth (ft)	<span style="border: 1px solid black; padding: 2px;">1086</span>	Water Level (ft)	<span style="border: 1px solid black; padding: 2px;">571</span>	Surface Casing Diameter (in)	<span style="border: 1px solid black; padding: 2px;">16</span>	Drop Pipe Diameter (in)	<span style="border: 1px solid black; padding: 2px;">2.375</span>	
Pump Type	<span style="border: 1px solid black; padding: 2px;">Submersible</span>	Pump Manufacturer	<span style="border: 1px solid black; padding: 2px;">Goulds</span>	HP	<span style="border: 1px solid black; padding: 2px;">25</span>	Phase	<span style="border: 1px solid black; padding: 2px;">Unk</span>	
		Pump Intake (ft)	<span style="border: 1px solid black; padding: 2px;">970</span>					
Well House	<span style="border: 1px solid black; padding: 2px;">No</span>	Vault	<span style="border: 1px solid black; padding: 2px;">No</span>	Pitless	<span style="border: 1px solid black; padding: 2px;">Yes</span>	Surf. Discharge Pipe	<span style="border: 1px solid black; padding: 2px;">No</span>	
		Confined Space	<span style="border: 1px solid black; padding: 2px;">No</span>		Access for WL	<span style="border: 1px solid black; padding: 2px;">Yes</span>		
Well Seal	<span style="border: 1px solid black; padding: 2px;">Yes</span>	Type/Manufacturer	<span style="border: 1px solid black; padding: 2px;">Monitor</span>				Vented	<span style="border: 1px solid black; padding: 2px;">Yes</span>
		Gas Flow from Vent	<span style="border: 1px solid black; padding: 2px;">No</span>					
Storage Tank	<span style="border: 1px solid black; padding: 2px;">Yes</span>	Storage Tank Volume (gal)	<span style="border: 1px solid black; padding: 2px;">60000</span>	Pressure Tank	<span style="border: 1px solid black; padding: 2px;">No</span>	Pressure Tank Volume (gal)	<span style="border: 1px solid black; padding: 2px;">-</span>	
Ground Slope Near Well?	<span style="border: 1px solid black; padding: 2px;">No</span>		Area Desc/Proximity	<span style="border: 1px solid black; padding: 2px;">North of the pumphouse</span>				
Condition of well	<span style="border: 1px solid black; padding: 2px;">Good</span>							
Initial LEL%	<span style="border: 1px solid black; padding: 2px;">0</span>	x0.05= CH4	<span style="border: 1px solid black; padding: 2px;">0</span>	Post-Sample LEL%	<span style="border: 1px solid black; padding: 2px;">0</span>	x0.05= CH4	<span style="border: 1px solid black; padding: 2px;">0</span>	
		Gas Reading Location	<span style="border: 1px solid black; padding: 2px;">Wellhead</span>					
Water Use	<span style="border: 1px solid black; padding: 2px;">Daily Domestic</span>		Treatment	<span style="border: 1px solid black; padding: 2px;">Chlorine</span>			Used for drinking?	<span style="border: 1px solid black; padding: 2px;">Yes</span>

## 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 (%)	
<b>Pre-Purge Reading</b>															
10:10	0:00	-	-	17.2	8.73	1169	3.9	0.68	2.8	Yellow	None	Fine sand and black flakes	Bubbles / Effervescence	0	
<b>Post-Purge Readings</b>															
10:18	0:08	-	-	20.4	8.50	1241	38.3	1.43	3.76	Clear	None	Fine sand and black flakes	Bubbles / Effervescence	0	
Sample Location	<span style="border: 1px solid black; padding: 2px;">Spigot in pumphouse</span>				Tanks Bypassed?	<span style="border: 1px solid black; padding: 2px;">Yes</span>		Flow Cell Used?	<span style="border: 1px solid black; padding: 2px;">No</span>		Avg Flow Cell Rate (gpm)	<span style="border: 1px solid black; padding: 2px;">-</span>			
Initial Purge Volume (g)	<span style="border: 1px solid black; padding: 2px;">5</span>		Purged with Flow Cell (g)	<span style="border: 1px solid black; padding: 2px;">-</span>		Total Volume Purged (g)	<span style="border: 1px solid black; padding: 2px;">5</span>		Sampling Flow Rate (gpm)	<span style="border: 1px solid black; padding: 2px;">0.5</span>					
Sample/Visit Time	<span style="border: 1px solid black; padding: 2px;">10:18</span>		Weather	<span style="border: 1px solid black; padding: 2px;">35°F, Sunny</span>				Field Conditions	<span style="border: 1px solid black; padding: 2px;">Dry</span>						

