



Water Quality Field Data Sheet

Sample Date

1/30/2024

Sampler(s)

EF

Operator	Occidental Petroleum Corporation (OXY)	O&G Well / Project Name	GWA_Meadow_Water_Well										
Sample Reason	Voluntary Post Drill												
Sample Name	Meadow_81474_F	Permit	81474-F	Receipt	3683053	Facility ID	772527						
QQ	NWSW	Sec	10	Twn	1N	Rng	65W	County	Weld	State	CO	Use	Commercial
DWR Permitted UTMS:	UTM E	529281	UTM N	4434931	Z13	Field Measured Elevation (ft)	4968						
Field Verified Location:	UTM E	529204.11	UTM N	4435127.58	Z13 Lat	40.0658989	Long	-104.6575407	NAD 83				
Approximate Distance to the Oil & Gas well pad	2 mi	O&G Facility Number	485208										

Owner Information

Landowner:	Mailing Address:	Physical Address:	Individuals Present During Sampling
Meadow Ridge Holdings LLC	23670 County Road 22	21391 I-76 Frontage Rd	None
Phone: 515-320-4480 (Molly Fehr)	Hudson, CO 80642-9513	Hudson, CO 80642	
Cell: 0	Alt Contact: 0		

Well Information

Well Depth (ft)	1010	Water Level (ft)	Unk	Surface Casing Diameter (in)	10	Drop Pipe Diameter (in)	Unk				
Pump Type	Submersible	Pump Manufacturer	Unknown	HP	Unk	Phase	Unk	Pump Intake (ft)	Unk		
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)	2500	Pressure Tank	No	Pressure Tank Volume (gal)	-				
Ground Slope Near Well?	No	Area Desc/Proximity	W side of white shed; NW of 2nd large building from CR 43 (to the E)								
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	Commercial	Treatment	Yes	Used for drinking?	No						

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														
10:05	0:00	9.00	1	6.6	13.1	8.93	1171	95.6	1.22	0.82	Clear	None	None	7
Post-Purge Readings														
10:48	0:43	0.27	1	224	22.0	8.55	2053	-41.1	0.08	0.02	Clear	None	None	0
10:51	0:46	0.27	1	224	22.0	8.58	1841	-56.9	0.07	0.02	Clear	None	None	0
10:54	0:49	0.27	1	224	22.0	8.63	1658	-67.5	0.06	0.02	Clear	None	None	0
10:57	0:52	0.27	1	224	22.1	8.67	1497	-75.1	0.07	0.02	Clear	None	None	0
11:00	0:55	0.27	1	224	22.1	8.71	1381	-79.4	0.07	0.02	Clear	None	None	0
11:03	0:58	0.27	1	224	22.1	8.73	1305	-82.8	0.07	0.02	Clear	None	None	0
11:06	1:01	0.27	1	224	22.2	8.74	1277	85.4	0.06	0.02	Clear	None	None	0
11:09	1:04	0.27	1	224	22.2	8.74	1263	-86.9	0.06	0.02	Clear	None	None	0

Sample Location	Hose attachment at top of storage tank	Tanks Bypassed?	Yes	Flow Cell Used?	Yes	Avg Flow Cell Rate (gpm)	0.27
Initial Purge Volume (g)	131	Purged with Flow Cell (g)	5	Total Volume Purged (g)	136	Sampling Flow Rate (gpm)	0.5
Sample/Visit Time	11:09	Weather	38°F Sunny	Field Conditions	Dry		

Calibration Log

Multi-meter - Select Meter Used				<input type="checkbox"/>		In-Situ Smartroll			<input checked="" type="checkbox"/>		YSI Pro Plus				
Time	Cal	Post	pH (std units)				SC (µmhos/cm2 @ 25°C)			D.O. 100%	Temp (°C)	ORP Cal Value	ORP reading mV	Comments	
			4.00	7.00	9.00	10.00	447	1413	8974						
8:05	X		3.99	7.07	-	10.10	468.3	1413	8885	67.3	13.20	227	228.1		
16:05		X	3.96	7.04	8.90	-	485.4	1429	8895	46.3	17.70	-	223		

Turbidimeter - Geotech Portable Turbidity Meter

Time	Cal	Post	Turbidity (NTU)				Comments
			<1	20.0	100	800	
8:05	X		0.02	21.3	101	812	
16:05		X	0.02	23	99.3	792	