



Water Quality Field Data Sheet

Sample Date 7/25/2024

Sampler(s) PP

Operator Occidental Petroleum Corporation (OXY) O&G Well / Project Name GWA_Acacia_13_17HZ

Sample Reason 615 Initial

Sample Name Plains_290142 Permit 290142 Receipt 3658165 Facility ID 755337

QQ SWSE Sec 17 Twn 2N Rng 63W County Weld State CO Use Commercial

DWR Permitted UTMS: UTM E 546044.1 UTM N 4442835.8 Z13 Z13 Field Measured Elevation (ft) 4841

Field Verified Location: UTM E 546016.38 UTM N 4442856.47 Z13 Lat 40.13478 Long -104.45985 NAD 83

Approximate Distance to the Oil & Gas well pad 0.44 mi ECMC Location ID 486605

Owner Information

Landowner: Plains Marketing LP Mailing Address: 333 Clay Street Ste 1600/ PO Box 4648 Physical Address: 31636 County Road 398 Individuals Present During Sampling Doug Harris - site manager

Phone: 307-837-2121 Houston, TX 77002-4101/77210-4648 Keenesburg, CO 80643

Cell: 307-532-1796 Alt Contact: 303-906-5019 (Doug Harris)

Well Information

Well Depth (ft) 545 Water Level (ft) 220 Surface Casing Diameter (in) 4 Drop Pipe Diameter (in) 1

Pump Type Submersible Pump Manufacturer Goulds HP 3 Phase Unk Pump Intake (ft) 445

Well House No Vault No Pitless Yes Surf. Discharge Pipe No 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) - Pressure Tank Yes Pressure Tank Volume (gal) <100

Ground Slope Near Well? No Area Desc/Proximity South of large white crude oil tanks

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 Facility bathroom Treatment None 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 (%)
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Pre-Purge Reading															
10:27	0:00	4.00	1	15	20.5	8.05	1300	131.6	2.51	64.3	Brownish orange	Manure	Black magnetic flakes	Bubbles / Effervescence	0

Post-Purge Readings															
12:09	1:42	0.30	1	200	34.0	8.59	1327	77.0	0.06	8.40	Light yellow	None	Black non magnetic flakes	Bubbles / Effervescence	0
12:12	1:45	0.30	1	200	34.3	8.57	1326	78.1	0.06	5.16	Light yellow	None	Black non magnetic flakes	Bubbles / Effervescence	0
12:15	1:48	0.30	1	200	34.3	8.57	1325	78.4	0.06	3.61	Light yellow	None	Black non magnetic flakes	Bubbles / Effervescence	8
12:18	1:51	0.30	1	200	34.3	8.57	1327	79.0	0.05	5.08	Light yellow	None	Black non magnetic flakes	Bubbles / Effervescence	3
12:21	1:54	0.30	1	200	34.2	8.57	1325	79.2	0.05	6.64	Light yellow	None	Black non magnetic flakes	Bubbles / Effervescence	2

Sample Location Spigot by wellhead Tanks Bypassed? No Flow Cell Used? Yes Avg Flow Cell Rate (gpm) 0.30

Initial Purge Volume (g) 240 Purged with Flow Cell (g) 10 Total Volume Purged (g) 250 Sampling Flow Rate (gpm) 0.5

Sample/Visit Time 12:21 Weather 100°F and sunny Field Conditions Dry, snady

