



Cache 8-13, 24, 34; Cornish 8-53

Legend

 **Site Location**

 N

0 2,000 4,000 Feet

1 inch = 2,000 feet
1:24,000

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National

DATE:	September 2025
DESIGNED BY:	B. Nelson
DRAWN BY:	J. Woffinden



Tasman, Inc.
4725 Independence St.
Wheat Ridge, CO 80033

PDC Energy, Inc. – 69175
Cache 8-13, 24, 34; Cornish 8-53
 NESW, Section 8, Township 6 South, Range 63 West
 Weld County, Colorado

Site Location Map

Figure
1



DATE: September 18, 2025

DESIGNED BY: J. Whritenour

DRAWN BY: L. Reed



PDC Energy, Inc – 69175
Cache 8-13, 24, 34; Cornish 8-53 Tank Battery
 NESW, Section 8, Township 6 North, Range 63 West
 Weld County, Colorado

SOIL SAMPLE LOCATION MAP (TANK BATTERY)

FIGURE 2

TABLE 1
FIELD DATA SUMMARY TABLE
PDC ENERGY, INC. - 69175
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Depth (ft. bgs)	GPS Data ¹ Latitude/Longitude		PDOP Value	VOC Concentration ² (ppm)
AST01@0-6"	9/18/2025	0-0.5	40.499163	-104.461775	1.3	2,374
AST02@0-6"	9/18/2025	0-0.5	40.499132	-104.461767	1.2	1,862
AST03@0-6"	9/18/2025	0-0.5	40.499093	-104.461744	1.2	17.8
AST04@0-6"	9/18/2025	0-0.5	40.499073	-104.461792	1.0	269.9
AST05@0-6"	9/18/2025	0-0.5	40.499106	-104.461810	0.9	0.0
FLARE01@0-6"	9/18/2025	0-0.5	40.499444	-104.461893	1.0	0.1
FLARE02@0-6"	9/18/2025	0-0.5	40.499461	-104.461904	0.9	0.0
FLARE03@0-6"	9/18/2025	0-0.5	40.499480	-104.461913	0.9	0.0
MH01@0-6"	9/18/2025	0-0.5	40.499454	-104.462080	0.9	0.0
GSO1@0-6"	9/18/2025	0-0.5	40.499500	-104.462045	0.9	0.0
GSO2@0-6"	9/18/2025	0-0.5	40.499513	-104.461995	0.9	0.0
SEP01-FL@3'	9/18/2025	3	40.499430	-104.461955	NC	0.0
SEP02-FL@3'	9/18/2025	3	40.499420	-104.461985	NC	0.0
SEP03-FL@3'	9/18/2025	3	40.499409	-104.462017	NC	0.0
SEP04-FL@3'	9/18/2025	3	40.499395	-104.462048	NC	0.0
PWV01-B@4'	9/18/2025	4	40.499144	-104.461841	NC	8.1
PWV01-N@2'	9/18/2025	2	40.499167	-104.461853	0.8	103.4
PWV01-E@2'	9/18/2025	2	40.499148	-104.461789	0.8	0.5
PWV01-S@2'	9/18/2025	2	40.499124	-104.461830	NC	35.4
PWV01-W@2'	9/18/2025	2	40.499134	-104.461876	0.8	225.4
SEP01-DL@3'	9/18/2025	3	40.499395	-104.461922	0.9	30.7
SEP01-FL@3'	9/18/2025	3	40.499430	-104.461955	NC	0.0
SEP02-DL@3'	9/18/2025	3	40.499384	-104.461955	0.9	10.2
SEP02-FL@3'	9/18/2025	3	40.499420	-104.461985	NC	0.0
SEP03-DL@3'	9/18/2025	3	40.499376	-104.461989	0.9	13.3
SEP03-FL@3'	9/18/2025	3	40.499409	-104.462017	NC	0.0
SEP04-DL@4'	9/18/2025	4	40.499361	-104.462022	0.9	290.3
SEP04-FL@3'	9/18/2025	3	40.499395	-104.462048	NC	0.0
GW01	9/18/2025	4	40.499144	-104.461841	NC	NA

Notes:

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTM Zone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

ft. = Feet

bgs = Below ground surface

NA = Not applicable

NC = Not collected

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
AST01@0-6"	09/18/2025	0-0.5	0.12	10.3	6.61	51.6	28.6	7.99	9.99	16,220	1,310	10,800	4,110
AST02@0-6"	09/18/2025	0-0.5	2.79	68.3	31.7	214	108	34.2	519	43,420	4,520	26,800	12,100
AST03@0-6"	09/18/2025	0-0.5	<0.028	<0.28	<0.056	0.224	<0.28	<0.28	0.638	11,161	40.7	7,200	3,920
AST04@0-6"	09/18/2025	0-0.5	<0.00053	<0.0053	0.0109	0.0809	0.0594	0.809	0.0047	330.8	81.8	122	127
AST05@0-6"	09/18/2025	0-0.5	<0.00053	<0.0053	<0.0011	<0.0022	<0.0053	<0.0053	<0.0021	14.0	<0.21	14.0	<6.5
PWV01-B@4'	09/18/2025	4	<0.00061	<0.0061	<0.0012	<0.0025	<0.0061	<0.0061	<0.0024	99.2	<0.25	46.1	53.1
PWV01-N@2'	09/18/2025	2	<0.00059	<0.0059	<0.0012	<0.0023	<0.0059	<0.0059	<0.0022	67.1	<0.23	36.9	30.2
PWV01-W@2'	09/18/2025	2	<0.00056	<0.0056	<0.0011	<0.0023	<0.0056	<0.0056	<0.0022	33.8	<0.23	19.7	14.1
SEP01-FL@3'	09/18/2025	3	<0.00057	<0.0057	<0.0011	<0.0021	<0.0057	<0.0057	<0.0021	29.8	<0.23	14.9	14.9
SEP02-FL@3'	09/18/2025	3	<0.00050	<0.0050	<0.0010	<0.0020	<0.0050	<0.0050	<0.0020	57.9	<0.20	25.7	32.2
SEP03-FL@3'	09/18/2025	3	<0.00051	<0.0051	<0.0010	<0.0020	<0.0051	<0.0051	<0.0021	32.7	<0.20	15.8	16.9
SEP04-FL@3'	09/18/2025	3	<0.00049	<0.0049	<0.00099	<0.0020	<0.0049	<0.0049	<0.0021	35.3	<0.20	16.4	18.9
SEP01-DL@3'	09/22/2025	3	<0.00049	<0.0049	<0.00098	<0.0020	<0.0049	<0.0049	<0.0021	150	<0.20	74.3	75.7
SEP02-DL@3'	09/22/2025	3	<0.00054	<0.0054	<0.0011	<0.0022	<0.0054	<0.0054	<0.0022	27.8	<0.22	12.9	14.9
SEP03-DL@3'	09/22/2025	3	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	<0.0053	<0.0023	176.3	<0.21	128	48.3
SEP04-DL@3'	09/22/2025	3	<0.00050	<0.0050	<0.0010	<0.0020	<0.0050	<0.0050	<0.0021	510	<0.20	372	138

Notes:

- 1. Bold** values exceed the ECMC Table 915-1 limit(s).
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- ** Summation of GRO+DRO+ORO must be less than 500 mg/kg.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Depth (ft. bgs)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl - Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
AST01@0-6"	09/18/2025	0-0.5	<0.0040	<0.20	<0.0050	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.20	3.12	<0.0040	<0.0040	21.1	35.6
AST02@0-6"	09/18/2025	0-0.5	<41*	<41*	146	<41*	<41*	<41*	60	<41*	69.4	832	<41*	49.5	2,960	4,430
AST03@0-6"	09/18/2025	0-0.5	<0.0041	<0.0041	<0.0051	0.0962	<0.0041	<0.0041	<0.0041	<0.0041	0.0648	1.04	<0.0041	0.0672	6.92	7.65
AST04@0-6"	09/18/2025	0-0.5	<0.0039	<0.0039	<0.0049	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	0.0291	<0.0039	<0.0039	0.0449	0.0642
AST05@0-6"	09/18/2025	0-0.5	<0.0042	<0.0042	<0.0052	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
PWV01-B@4'	09/18/2025	4	<0.0047	<0.0047	<0.0059	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
PWV01-N@2'	09/18/2025	2	<0.0044	<0.0044	<0.0055	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	0.0091	0.0139
PWV01-W@2'	09/18/2025	2	<0.0044	<0.0044	<0.0055	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	0.0134	0.0168
SEP01-FL@3'	09/18/2025	3	<0.0042	<0.0042	<0.0053	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
SEP02-FL@3'	09/18/2025	3	<0.0041	<0.0041	<0.0051	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041
SEP03-FL@3'	09/18/2025	3	<0.0042	<0.0042	<0.0053	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
SEP04-FL@3'	09/18/2025	3	<0.0042	<0.0042	<0.0052	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
SEP01-DL@3'	09/22/2025	3	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
SEP02-DL@3'	09/22/2025	3	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022
SEP03-DL@3'	09/22/2025	3	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
SEP04-DL@3'	09/22/2025	3	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	0.0027	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021

Notes:

1. **Bold** values exceed the ECMC Table 915-1 limit(s).
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
3. * Indicates laboratory minimum detection limit in excess of SSL.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Depth (ft. bgs)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
AST01@0-6"	9/18/2025	0-0.5	7.71	1.6	0.413	<0.50
AST02@0-6"	9/18/2025	0-0.5	8.82	0.90	1.15	<0.50
AST03@0-6"	9/18/2025	0-0.5	7.62	1.2	2.53	<0.50
AST04@0-6"	9/18/2025	0-0.5	7.79	1.8	7.07	<0.50
AST05@0-6"	9/18/2025	0-0.5	8.1	0.30	0.23	<0.50
PWV01-B@4'	9/18/2025	4	9.25	0.21	0.872	<0.50
PWV01-N@2'	9/18/2025	2	9.02	<0.010	0.142	<0.50
PWV01-W@2'	9/18/2025	2	8.33	0.32	0.222	<0.50
SEP01-FL@3'	9/18/2025	3	9.22	0.63	0.547	<0.50
SEP02-FL@3'	9/18/2025	3	8.33	<0.010	1.03	<0.50
SEP03-FL@3'	9/18/2025	3	8.25	<0.010	0.185	<0.50
SEP04-FL@3'	9/18/2025	3	9.24	<0.010	2.69	<0.50
SEP01-DL@3'	9/22/2025	3	8.15	0.56	0.546	<0.50
SEP02-DL@3'	9/22/2025	3	8.02	<0.010	1.32	<0.50
SEP03-DL@3'	9/22/2025	3	9.32	0.36	0.495	<0.50
SEP04-DL@3'	9/22/2025	3	9.01	0.54	0.436	<0.50

Notes:

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Brown highlighted soil analytical values indicate a regulatory exceedance.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/L = Milligrams per liter

ft. = Feet

bgs = Below ground surface

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = Millimohs per centimeter

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) ⁶ (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
AST01@0-6"	45918.45833	0-0.5	2.4	58.6	0.074	<0.42	3.1	4.8	2.7	<0.14	<0.10	12.0
AST02@0-6"	45918.45972	0-0.5	2.3	39.4	0.083	<0.44	6.3	4.8	6.8	<0.12	<0.099	17.7
AST03@0-6"	45918.46111	0-0.5	1.8	30.7	0.049	<0.40	5.6	4.3	3.0	<0.17	<0.098	16.5
AST04@0-6"	45918.4625	0-0.5	1.2	22.0	0.048	0.82	3.0	2.7	2.2	0.17	<0.099	9.3
AST05@0-6"	45918.46389	0-0.5	2.2	35.6	0.041	<0.44	2.2	3.6	2.1	<0.12	<0.10	9.4
PWV01-B@4'	45918.5625	4	2.9	34.2	0.069	<0.47	2.7	3.8	2.7	<0.16	<0.11	11.8
PWV01-N@2'	45918.56389	2	3.0	30.4	0.072	<0.45	2.8	3.9	2.6	<0.12	<0.11	11.2
PWV01-W@2'	45918.56806	2	2.5	36.2	0.057	<0.46	2.6	3.7	2.5	<0.14	<0.11	11.2
SEP01-FL@3'	45918.50833	3	2.8	44.7	0.090	<0.45	3.5	5.8	2.9	<0.13	<0.11	12.9
SEP02-FL@3'	45918.50903	3	2.5	44.7	0.16	<0.43	3.6	5.6	2.8	<0.12	<0.10	13.9
SEP03-FL@3'	45918.50972	3	3.6	57.9	0.083	<0.42	3.3	5.1	3.5	<0.12	<0.11	12.2
SEP04-FL@3'	45918.51042	3	2.7	52.5	0.050	<0.44	2.5	4.3	2.6	<0.15	<0.10	10.9
SEP01-DL@3'	09/22/2025	3	2.3	34.8	0.069	<0.41	3.2	5.0	2.0	0.088	<0.057	11.6
SEP02-DL@3'	09/22/2025	3	2.7	36.3	0.091	<0.43	3.1	4.4	2.5	0.10	<0.075	13.2
SEP03-DL@3'	09/22/2025	3	2.3	32.2	0.14	<0.44	3.3	4.3	2.3	0.11	<0.078	11.4
SEP04-DL@3'	09/22/2025	3	2.4	37.2	0.099	<0.42	3.4	10.7	2.2	0.11	<0.068	13.7

Notes:

- 1. Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- 2. Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- Reporting limit used for 1.25 multiplier when all background results for a specific metal are non-detect.
- * Indicates laboratory minimum detection limit in excess of SSL.
- Compound falls within the ECMC Table 915-1 footnote 9.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

TABLE 6
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-Trimethyl-Benzene (µg/L)	1,3,5-Trimethyl-Benzene (µg/L)	Depth to Groundwater Below Ground Surface (ft)
ECMC Table 915-1 Limits		5.0	560	700	1,400	140	67	67	
GW01	9/18/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	6.8	4

Notes:

1. **Bold** values exceed the ECMC limit(s)
2. Blue highlighted groundwater analytical values indicate a regulatory exceedance

NA = Not Analyzed

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

µg/L = micrograms per liter

ft. = Feet

TABLE 7
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
CACHE 8-13, 24, 34; CORNISH 8-53 TANK BATTERY, WELD COUNTY, COLORADO
REM # 40661



Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
GW01	09/18/25	652	12	118

Notes:

1. **Bold** values exceed the ECMC limit(s)
 2. Blue highlighted groundwater analytical values indicate a regulatory exceedance
- NA = Not Analyzed, IW = Insufficient Water
 ECMC = Energy & Carbon Management Commission
 mg/L = Milligrams per liter



TANK BATTERY DECOMMISSIONING FORM

CLIENT: PDC Energy, Inc. or PDC Permian		SITE NAME: Cache 8-13, 24, 34; Cornish 8-53					DATE: 9/18/2025	REM. PROJECT #: 40661	WEATHER: Sunny 70	
SITE DIRECTIONS: CR 61.5/CR70 .75mi E, .5Mi NE, .2Mi E, .2Mi N into site							JOB#: 10772			
LEGALS AND LAT/LONG: 40.499278, -104.46191							TASMAN PERSONNEL: SW, EL			
SOIL TYPES: Well Graded Sand - SW							SURFACE GRADIENT: South			
SOIL SAMPLING							FACILITY INFRASTRUCTURE			
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT	Quantity		
							Above Ground Storage Tank (AST)	5	✓	
09-18-2025 11:00	AST01@0-6"	2374	HC Staining	Strong HC Od	Yes	Lab	Buried or Partially Buried Vessel	1	✓	
09-18-2025 11:02	AST02@0-6"	1862	HC Staining	Strong HC Od	Yes	Lab	Separator	4	✓	
09-18-2025 11:04	AST03@0-6"	17.8	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)	3	✓	
09-18-2025 11:06	AST04@0-6"	269.9	HC Staining	HC Odor	Yes	Lab	Dump Line	4	✓	
09-18-2025 11:08	AST05@0-6"	0.0	No Staining	No Odor	Yes	Lab	Wellhead			
09-18-2025 11:14	FLARE01@0-6"	0.1	No Staining	No Odor	Yes	Grab	Flowline			
09-18-2025 11:15	FLARE02@0-6"	0.0	No Staining	No Odor	Yes	Grab	Other: MH01, GS01, GS02			
09-18-2025 11:17	FLARE03@0-6"	0.0	No Staining	No Odor	Yes	Grab	Soil Loads Removed			
09-18-2025 11:20	MH01@0-6"	0.0	No Staining	No Odor	Yes	Grab	IMPACTED SOIL IDENTIFIED?			
09-18-2025 11:23	GS01@0-6"	0.0	No Staining	No Odor	Yes	Grab	ESTIMATED VOLUME OF IMPACTS:			
09-18-2025 11:25	GS02@0-6"	0.0	No Staining	No Odor	Yes	Grab	Date	Number	CY	
09-18-2025 12:12	SEP01-FL@3'	0.0	No Staining	No Odor	Yes	Lab				
09-18-2025 12:13	SEP02-FL@3'	0.0	No Staining	No Odor	Yes	Lab				
09-18-2025 12:14	SEP03-FL@3'	0.0	No Staining	No Odor	Yes	Lab				
09-18-2025 12:15	SEP04-FL@3'	0.0	No Staining	No Odor	Yes	Lab				
09-18-2025 13:30	PWV01-B@4'	8.1	No Staining	No Odor	Yes	Lab	Total Removed	0	0	
09-18-2025 13:32	PWV01-N@2'	103.4	No Staining	No Odor	Yes	Lab	Disposal Facility:			
09-18-2025 13:34	PWV01-E@2'	0.5	No Staining	No Odor	Yes	Grab	Groundwater Recovery			
09-18-2025 13:36	PWV01-S@2'	35.4	No Staining	No Odor	Yes	On-hold	DATE GW ENCOUNTERED:	DEPTH:		
09-18-2025 13:38	PWV01-W@2'	225.4	No Staining	No Odor	Yes	Lab	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?			
09-22-2025 11:10	SE0P01-DL@3'	30.7	No Staining	No Odor	Yes	Lab	LNAPL OR SHEEN OBSERVED ON GW?			
09-22-2025 11:17	SEP02-DL@3'	10.2	No Staining	No Odor	Yes	Lab				
GROUNDWATER SAMPLING							Date	BBLs		
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?				
9/18/2025 13:50	GW01	4'	Medium Turbid	None	None	Yes				
							Total Removed	0		
							Disposal Facility:			

Chevron Rockies Business Unit

Field Qualitative Criteria for ECMC Reporting Associated with the Discovery of Potentially Impacted Material

If answered **Yes** to any of the questions listed below, this may suggest the presence of potentially impacted materials as outlined in ECMC Rule 912. Out of an abundance of caution, a “Yes” response will be reported to the ECMC within 24 hours after discovery, regardless of laboratory results. **Immediately notify the RBU Remediation Team.** Include a copy of this Field Qualitative Spill Criteria Checklist in the field Report.

Please answer the following questions when on-site:

1. Is there visible petroleum hydrocarbon staining in the soil? Yes_____
2. Does the soil sample from the stained area have a petroleum odor? Yes_____
3. Is there a petroleum hydrocarbon sheen on the nearby surface water? No_____
4. Does there appear to be a sheen of the surface of accumulated groundwater or seeps within the excavation indicative of petroleum? No_____
5. Is stained soil in contact with groundwater? No_____

Please Include relevant photos of the site conditions for items 1-5.

Location name: Cache 8-13, 24, 34; Cornish 8-53

Please Circle Facility Type: Production Facility



Date: 9/18/2025

GENERAL OBSERVATION FORM

Site Area/AOC: Cache 8-13, 24, 34; Cornish 8-53 Client: PDC Energy, Inc. or PDC Permian

Daily Forecast/Weather: Sunny 70 Personnel: SW, EL

Task/Location Description: Tank Battery decommissioning

Time	Description
10:19	Arrived on site, completed JSA and met with Crew
	ASTs were moved prior to being on site
	Produced water vessel and Separators are still intact upon arrival
	flares were removed
	Pond South west of site
	Leaking fluid near AST01 and PWV
	AST01, 02 & 04 all have high HC odor on surface
	SEP01-04-FL are all connected to Cornish 8-53 Wellhead (REM#42201)
	GS01/GS02 are associated with previous Gas Jack
	No PDOPs for Separator Flowline Samples due to no access in pit (samples were taken with Excavator)
	High PID readings on PWV01
	Groundwater found at 4' in PWV01, had to dig down to pool in water for sample
	9/22/25
	On site, completed JSA. Met with crew & Mike Montoya
	Plan for today is to take separator dump line samples & remove sales line (REM#42201)
	Dump lines were pulled when we arrived on site, crew is working on excavator now then will grab our samples from pit
11:24	Finished jarring dump line samples - wrapped up for tank battery

Need a photo log?



Need another General Observation Form?



TANK BATTERY DECOMMISSIONING

Photographic Log




Equipment ID: AST01@0-6"			Equipment Type: Above Ground Storage Tank			Equipment ID: AST02@0-6"			Equipment Type: Above Ground Storage Tank		
Material: Steel		Volume: 100 BBL		Contents: Crude Oil		Material: Steel		Volume: 100 BBL		Contents: Crude Oil	
Notes/Conditions: West Facing						Notes/Conditions: North facing					



TANK BATTERY DECOMMISSIONING

Photographic Log

					
Equipment ID: AST003@0-6"		Equipment Type: Above Ground Storage Tank	Equipment ID: AST04@0-6"		Equipment Type: Above Ground Storage Tank
Material: Steel	Volume: 100 BBL	Contents: Crude Oil	Material: Steel	Volume: 100 BBL	Contents: Crude Oil
Notes/Conditions: South Facing			Notes/Conditions: West facing		



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID: AST05@0-6"		Equipment Type: Above Ground Storage Tank		Equipment ID: FLARE01@0-6"		Equipment Type: Emission Control Device	
Material: Steel	Volume: 100 BBL	Contents: Crude Oil		Material: Steel	Volume: 100 BBL	Contents: Condensate	
Notes/Conditions: West Facing				Notes/Conditions: West facing			



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID: FLARE02@0-6"			Equipment Type: Emission Control Device			Equipment ID: FLARE03@0-6"			Equipment Type: Emission Control Device		
Material: Steel		Volume:		Contents: Condensate		Material: Steel		Volume:		Contents: Condensate	
Notes/Conditions: West Facing						Notes/Conditions: West Facing					



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID: MH01@0-6"		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: South Facing			

Equipment ID: GS01@0-6"		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: West Facing, iron staining on surface			



TANK BATTERY DECOMMISSIONING

Photographic Log

					
Material:	Volume:	Contents:	Material: Steel	Volume:	Contents: Crude Oil
Notes/Conditions: West Facing			Notes/Conditions: West Facing		



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID:SEP02-FL@3' **Equipment Type:** Flowline
Material: Steel **Volume:** **Contents:** Crude Oil

Notes/Conditions: West Facing

Equipment ID:SEP03-FL@3' **Equipment Type:** Flowline
Material: Steel **Volume:** **Contents:** Crude Oil

Notes/Conditions: West Facing



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID: SEP04-FL@3'		Equipment Type: Flowline		Equipment ID: PWV01-B@4'/GW01		Equipment Type: Partially Buried Vault	
Material: Steel	Volume:	Contents: Crude Oil		Material: Fiberglass	Volume: 100 BBL	Contents: Produced Water	
Notes/Conditions: West Facing				Notes/Conditions: North Facing			



TANK BATTERY DECOMMISSIONING

Photographic Log

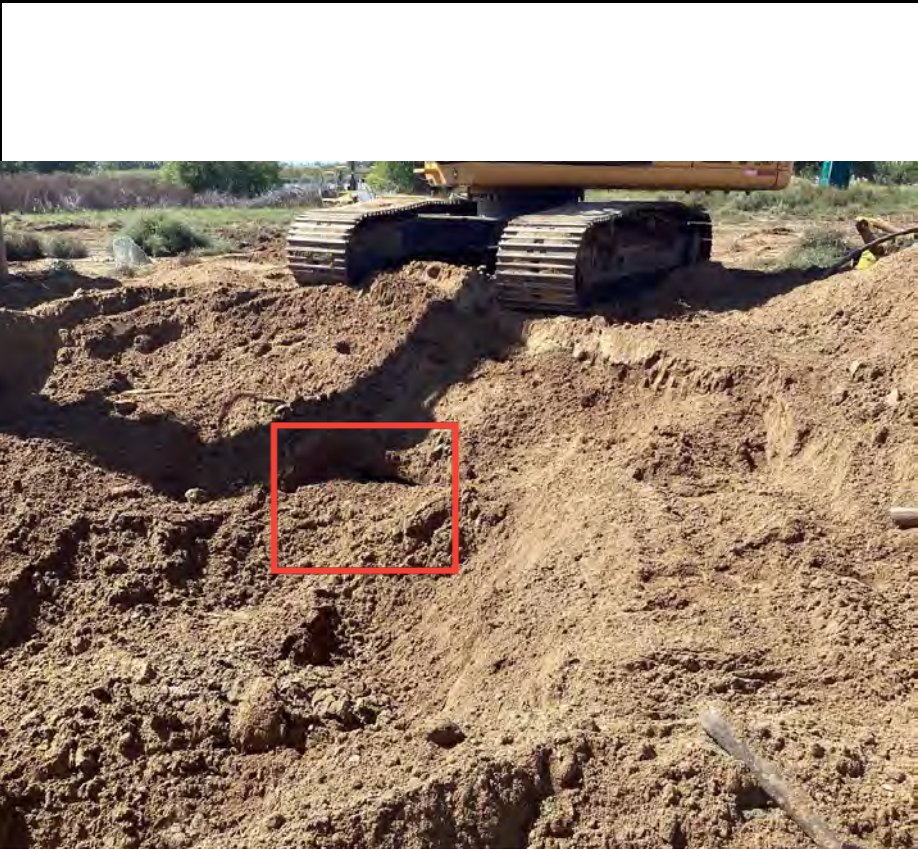


Equipment ID: PWV01-N@2'		Equipment Type: Partially Buried Vault		Equipment ID: PWV01-E@2'		Equipment Type: Partially Buried Vault	
Material: Fiberglass	Volume: 100 BBL	Contents: Produced Water		Material: Fiberglass	Volume: 100 BBL	Contents: Produced Water	
Notes/Conditions: North Facing				Notes/Conditions: East Facing			



TANK BATTERY DECOMMISSIONING

Photographic Log



Equipment ID: PWV01-S@2'		Equipment Type: Partially Buried Vault	
Material: Fiberglass	Volume: 100 BBL	Contents: Produced Water	
Notes/Conditions: South facing			

Equipment ID: PWV01-W@2'		Equipment Type: Partially Buried Vault	
Material: Fiberglass	Volume: 100 BBL	Contents: Produced Water	
Notes/Conditions: West Facing			



Photographic Log



Equipment ID: SEP01-DL@3'		Equipment Type: Dump Line	
Material: Steel	Volume:	Contents: Crude Oil	
Notes/Conditions: West Facing			

Equipment ID: SEP02-DL@3'		Equipment Type: Dump Line	
Material: Steel	Volume:	Contents: Crude Oil	
Notes/Conditions: West Facing			



Photographic Log



Equipment ID: SEP03-DL@3'		Equipment Type: Dump Line		Equipment ID: SEP04-DL@3'		Equipment Type: Dump Line		
Material: Steel		Volume:	Contents: Crude Oil		Material: Steel		Volume:	Contents: Crude Oil
Notes/Conditions: West Facing				Notes/Conditions: West Facing				