

January 9, 2023



Dewey Chalos  
Environmental Supervisor  
XTO Energy Inc.  
[dewey.chalos@exxonmobil.com](mailto:dewey.chalos@exxonmobil.com)

## Final Reclamation Completion Notice – Reclamation Overview

<b>COGCC Location Name (ID)</b>	SECORA-633S68W /22SWNE (309313)
<b>Operator Location Name</b>	Secora 2 Well Pad
<b>COGCC Operator Name (ID)</b>	XTO Energy Inc. (100264)
<b>Legal Description</b>	SWNE Sec. 22 T33S-R68W
<b>Geographic Coordinates (WGS84)</b>	37.15806/-104.979617
<b>County</b>	Las Animas County, Colorado

Mr. Chalos,

Confluence Compliance Companies, LLC (Confluence) prepared this report to document findings from the investigation completed to assess final reclamation status at the XTO Energy Inc. (XTO) Secora 2 well pad (Location). The investigation was completed to evaluate site conditions to determine if maintenance was warranted or if the location met requirements for final reclamation in Colorado Oil & Gas Conservation Commission (COGCC) Rule 1004.

The Location is in the southwestern portion of Las Animas County, Colorado, approximately 2.27 miles east of Stonewall, Colorado. Additional information on the Location and the associated project is provided in the title block above. Included with this Report is a review of methodologies used to evaluate the Reclaim, results of those evaluations, and recommendations for how to proceed with the information presented in this Report. Attached is a Topographic Location Map, Reclamation Survey Site Diagrams, and a Photographic Log.

## Background

The original surface disturbance was approved in 2007 for drilling, completion, production and subsequent abandonment of the Secora 2 wellbore. In 2019, a variance requesting deviation from reclamation requirements was approved and is available for review in COGCC Document #: 402027149.

Reclamation on the well pad commenced in 2019. Subsoil and topsoil were returned to their original relative positions and the Location was recontoured to blend with the surrounding topography. The selected seed mix was a native timberland mix applied on October 25, 2019, via hydroseed/mulch application. On January 17, 2020, a second, hand sown, seeding effort took place in areas that showed signs of limited germination and/or cover. During January 17, 2020, seeding effort, where warranted, control measures were implemented to limit site degradation, including rock check dams, riprap in areas of channelized surface flows, culverts, a cattle guard, and larger riprap at the location entrance. On December 17, 2019, control measures were revisited, cleaned out, armored, and new measures were implemented in areas that showed signs of erosional concern. The Reclaim is approximately 2.8 acres (including access) and is illustrated in the attached Reclamation Survey Site Diagram.

## Methodology

The survey methodology employed by Confluence involved a desktop review of historical records and an aerial imagery evaluation to define and map all portions of the Reclaim and identify a comparable Reference. When on-site, data from the desktop review was confirmed with observations of site conditions. A qualitative assessment was conducted to evaluate vegetation cover and composition on the reclaimed surface of the Location and an equivalent reference area to determine if vegetative cover requirements for final reclamation in Colorado Oil & Gas Conservation Commission (COGCC) Rule 1004.d have been met. Additionally, a site walk was performed to document erosional features and overall site stability. Photographs were collected via unmanned aerial vehicles (UAV) throughout the Location to capture current conditions. These photos are included in the Photographic Log. The Reclamation Site Diagram illustrates photo collection points and the direction view of each.

## Results

During the September 6, 2022, site assessment, no major site degradation concerns were noted and installed control measures appeared to be functioning as designed. Vegetation composition within the Reclaim appeared comparable to Reference. Undesirable species were underrepresented in the Reclaim, and it appears the 80% threshold required in COGCC Rule 1004.d has been achieved.

## Analysis and Recommendations

No maintenance is recommended for this location at this time as undesirable and noxious weed species were under-represented on the Reclaim and vegetation establishment is uniform and comparable to Reference. Based on the results of the survey, it appears that reclamation as defined by COGCC rules has been achieved and vegetation cover has been established that reflects surrounding conditions with a total plant cover of at least 80% of the Reference. Submittal of a Form 4 (Sundry Notice) is recommended to document successful completion of final reclamation, notify the COGCC that the site is ready for final reclamation inspection, and request XTO's release from financial assurance for this location.

Confluence appreciates the opportunity to provide environmental consulting services on this project. If you have any questions about our methodology, the results of this assessment, or our conclusions, please let me know.

Regards,



Chris Jones  
Reclamation Program Manager  
970.749.6965  
[chris.jones@confluence-cc.com](mailto:chris.jones@confluence-cc.com)

## Attachments

- Topographic Location Map
- Reclamation Site Diagram – Well Pad
- Reclamation Site Diagram – Stormwater
- Photographic Log



## Topographic Location Map

**XTO Energy Inc.**

**CLIENT LOCATION NAME**

Secora 2 Well Pad  
API: 05-071-09381

**COGCC LOCATION NAME**

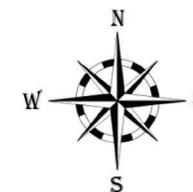
SECORA-633S68W /22SWNE  
COGCC Location ID: 309313

Las Animas County

SWNE Sec. 22 T33S-R68W

Lat./Long.: 37.15806/-104.979617

Field: PURGATOIRE RIVER - #70830



Topographic map sourced from 2020 Earth Point using data provided by United States Geological Survey

Map created by Sully Phillips on 12/19/2022.

## Reclamation Survey Site Diagram

### Well Pad Overview

XTO Energy Inc.

CLIENT LOCATION NAME

Secora 2 Well Pad

API: 05-071-09381

COGCC Location ID: 309313

Las Animas County

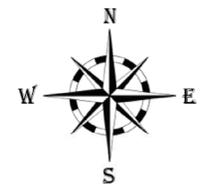
SWNE Sec. 22 T33S-R68W

Field: PURGATOIRE RIVER - #70830

Lat./Long.: 37.15806/-104.979617

Land Use: Non-crop

Aerial Imagery Date: 10/18/2016



#### Legend

-  Directional Drone Photo Point
-  Reference Area Drone Photo Point
-  Overhead Drone Photo Point

Spatial data was collected using a small unmanned aircraft system. Illustration discrepancies may be present in this diagram due to the inherent limitations of data accuracy for both project data and the underlying aerial imagery. The position of illustrated data may have been manually adjusted to align with the aerial imagery in a manner more representative of field conditions for presentation purposes only.

Map created by Sully Phillips on 12/19/2022.

400 ft

**Reclamation Survey Site  
Diagram**

**Stormwater**

XTO Energy Inc.

CLIENT LOCATION NAME

Secora 2 Well Pad

API: 05-071-09381

COGCC Location ID: 309313

Las Animas County

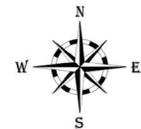
SWNE Sec. 22 T33S-R68W

Field: PURGATOIRE RIVER - #70830

Lat./Long.: 37.15806/-104.979617

Land Use: Non-crop

Aerial Imagery Date: 10/18/2016



**Legend**

-  French Drain
-  Culvert
-  Retention Wall
-  Catch Basin
-  Mulch
-  Rock Rundown

Spatial data was collected using a small unmanned aircraft system. Illustration discrepancies may be present in this diagram due to the inherent limitations of data accuracy for both project data and the underlying aerial imagery. The position of illustrated data may have been manually adjusted to align with the aerial imagery in a manner more representative of field conditions for presentation purposes only.

Map created by Sully Phillips on 12/19/2022.

400 ft



Photo Point A: Disturbance Overview

XTO Energy Inc.  
Secora 2 Well Pad (05-071-09381)  
Date Completed – 09/06/2022

**Reclamation Assessment Photo Log**



Photo Point B: North of Location – Facing South



Photo Point C: South of Location – Facing North



Photo Point D: West of Location – Facing East



Photo Point E: East of Location – Facing West



Photo Point F: Northern Reference area



Photo Point G: Southern Reference Area

Reclamation Assessment Photo Log



Photo Point H: Access Road - Entrance Facing Disturbance



Photo Point I: Access Road – End Facing Entrance



Photo Point J: Access Road – Center Facing Entrance



Photo Point K: Access Road – Center Facing Disturbance