

WATER PLAN



Date: November 15, 2021

Location: WR OGD 1 / Wells Ranch CDP / A18-09 Pad

Legal Description: NESE Section 18, Township 6 North, Range 64 West, 6th P.M., Weld County, Colorado

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Article I. Introduction

Location Information

This document provides site-specific information for the A18-09 well pad within WR OGD 1 of the Wells Ranch CDP. The information in this document relates specifically to the time during the construction, drilling, completion, and production of the eight (8) proposed horizontal wells on this location.

The proposed location is irrigated crop northwest of the intersection of WCR 51 and Highway 392. The Pad will be in the NESE Section 18, Township 6 North, Range 64 West, 6th P.M., zoned agricultural within the Weld County Near-Urban Planning Area. A 1041 WOGLA was filed for the well pad as 1041WOGLA19-0042 on 12/10/2019 and recorded at reception #4556398 on 1/8/2020. Site-specific supplemental information will be filed with Weld County prior to commencement of operations.

The proposed A18-09 Pad oil and gas location disturbance will be 10.4 acres, reduced to 3.0 after interim reclamation. The proposed working pad surface will be 7.0 acres. The Pad is on Parcel #080118000004 owned by Richard L. Foose. The location is currently used for farming.

The A18-09 Pad will produce to the proposed A07-08 Facility. Equipment at the A18-09 Pad will include injection pumps, meter buildings, multi-phase flow meters, communication towers, flowline manifolds, a temporary minion tank, and solar skids.

Phase	Duration (days)	Estimated Start Date
Construction	60 days	3 rd Quarter (July) 2024
Drilling	40 days	3 rd Quarter (September) 2024
Completion	40 days	1 st Quarter (January) 2025
Flowback	N/A	Flowing back directly to permanent facility
Production	30 years	1 st Quarter (March) 2025
Interim Reclamation	60 days	2 nd Quarter (April) 2025

Article II. Water Sources

Source Details

Ahead of completion activity, construction and drilling activities will utilize additional but significantly smaller water volumes. Typically, these water volumes are supplied independently of the completion water sources and may be trucked to location. Various water sources may be used for construction and drilling, sources will be selected based upon limiting trucking distance and minimizing adverse impacts related to construction and drilling activities. Table 2 -1 presents potential drilling and construction water sources and locations.

Table 2-1 Construction and Drilling Sources:

<u>Source Name</u>	<u>Source Type</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Est. Volume BBLs</u>	<u>Transport Method</u>
Triton Water Resources, LLC	Groundwater	40.2990°N	104.7524°W	19,500	Trucked
City of Greeley	Municipal	various hydrants		8,300	Trucked
Fortress	Groundwater	40.1904°N	104.4846°W	8,300	Trucked

Below are the name and address of water sources planned for Priority 1 area construction and drilling activities.

Triton Water Resources, LLC
145 West Swallow Road, Building B
Fort Collins, Colorado 80525-2500

City of Greeley
Water & Sewer Department
1001 11th Ave St #200
Greeley, CO 80631

Fortress Development Solutions
3050 67th Ave STE 100
Greeley, CO 80634

Priority Area 1 initial development activity will be in the southwest portion of the Wells Ranch CDP and will build off water infrastructure utilized previously. Existing surface water sources will be the primary supply for Priority Area 1 due to proximity. Temporary and permanent infrastructure to convey water sources as needed for development activities. Priority Area 1 contains WR OGD 1.

All freshwater for downhole frac operations will be moved by pipeline to minimize risks to public health, safety, environment, and wildlife. Planned water sources and volumes, coordinates of sources are summarized below in Table 2-2, including the planned source and volume of all surface water and Groundwater to be used and the coordinates of the planned source of water.

Table 2-2 Completion Sources:

<u>Source Name</u>	<u>Source Type</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Est. Used Volume (Ac. Ft.)</u>	<u>Transport Method</u>
New Cache La Poudre Irrigation Company	Surface Water	40.4650°N 40.4930 °N	104.5622°W 104.4580°W	425	Piped
River Bluffs Ventures, LLC	Surface Water	40.4104°N	104.5309°W	125	Piped
Wells Ranch LLLP	Groundwater	40.4774°N	104.4268°W	60	Piped

Below are the seller's name and address of water sources planned for Priority 1 area completions.

New Cache La Poudre Irrigation Company Contact Person

Dale Trowbridge
33040 Railroad Ave
Lucerne, CO 80646

River Bluffs Ventures, LLC

Dan Brown
1927 Wilmington Drive, Suite 101
Fort Collins, CO 80528

Wells Ranch LLLP

Jackie Schaefer
32010 WCR 63
Gill, CO 80624

Water Recycling or Re-Use

Recycle and reuse of produced water is not planned for the wells associated with the AB18-09 Pad. Limited development of nearby energy wells preceding completions on this pad preclude recycling as sufficient water volumes will not be available. In accordance with Noble's dedication to mitigating impacts to the environment, Noble will implement its best practices regarding the proper handling and disposal of E&P waste, including produced water.