



Revegetation/Reclamation
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RECLAMATION PLAN FOR THE APTIM & MULL DRILLING WELL PAD SITE NORTHWEST ARAPAHOE UNIT #37

RECLAMATION PLAN

Introduction

APTIM and Mull Drilling plan to restore the site known as Northwest Arapahoe Unit #37. The sites will be reclaimed in the following manner.

Procedures

Soil samples have been obtained and reclamation procedures are based on the obtained samples. There are areas of high pH so the entire site will be treated in the following manner.

Decompaction: The site will be ripped 8"-12" deep and prepared for soil amendments.

Application of Soil Amendments: 1,000 lbs/acre of pelletized gypsum, 250 lbs/acre of elemental sulfur, 200 lbs/acre of Humic Acid, and 100 lbs/acre of mycorrhizal fungi.

Application of Fertilizer: 2,000 lbs/acre of Sustane 4-6-4 slow release organic fertilizer.

Incorporation and Seedbed Preparation: Incorporation of soil amendments and seedbed preparation will include scarifying and/or discing as necessary to prepare a proper seedbed for the native species in the seed mixtures per NRCS guidance.

Rangeland Drill Seeding: The disturbed areas will be drill seeded with a rangeland drill capable of handling and properly metering and placing the different seed sizes in the seed mixtures. At least two seed boxes will be utilized for seeding. Seed mix design will be per the NRCS guidance.

Mulching: After drill seeding, the seeded areas will be mulched with certified noxious weed-free Native grass hay mulch applied at 2.0 tons / acre.

Crimping: Immediately after mulching, the mulched areas will be crimped with a crimper with straight colters.