

# **WEXPRO COMPANY**

## **“PLUGGED AND ABANDONED RECLAMATION PLAN”**

Prepared for:

Bureau of Land Management

Prepared by:

Wexpro Company

P.O. Box 458

Rock Springs, WY 82902

# **PLUGGED AND ABANDONED RECLAMATION PLAN**

## **Surface Restoration**

Wexpro Company will not allow any construction or routine maintenance activities during periods when soil is too wet to adequately support construction equipment. If such equipment creates surface ruts in excess of 4 inches deep, Wexpro Company will deem that soil conditions are too wet to adequately support construction equipment. Construction activities will not be allowed until soil conditions improve or prior approval has been obtained from the BLM.

## **Well Pad**

Available topsoil in areas to be re-contoured has been stripped and stockpiled. Gravel will be removed from location and turnaround, and will be reapplied on designated lease roads. Location and access road will be re-contoured to match the surrounding terrain. Top soil will be spread evenly over the equipment areas and areas previously stripped. All areas of disturbance will be ripped to 18" centers. Topsoil will be re-spread and cross ripped to 3" (or the depth of the topsoil layer) in preparation for seeding.

## **Access Road**

Culverts will be removed and disposed of at an approved landfill. Gravel will be removed from the access road, and will be reapplied on designated lease roads. Topsoil will be pulled on back side of the borrow area across the access road. After the topsoil has been evenly spread, the location will be cross ripped 3" (or the depth of the topsoil layer) in preparation for seeding.

## **Pit Closures**

Pits on location will be closed in accordance with COGCC Rules Table 910-1.

## **Pipeline**

All above ground Wexpro Company pipeline facilities will be removed and all unsalvageable materials will be disposed of at authorized sites. The existing production lines on the well pad will be cut, capped, purged with Nitrogen and abandoned in place at a minimum of 3 feet below surface. Shallow production lines will be removed. Re-grading and re-vegetation of disturbed land areas (if applicable) will be completed as necessary. Gathering pipelines owned and operated by Tesoro Logistics are authorized under a right-of-way; and are not the responsibility of Wexpro Company.

## **Seedbed Preparation**

In situations where topsoil quantity or quality is low, soil amendments may be needed. The soil amendment for these projects will be the use of mulch. Before any soil amendments are carried out, the BLM will be properly notified.

## **Seeding**

Once seedbed preparation is complete, the next process will be seeding the location. Seeding will be completed before the frost level is too deep for successful seed placement. This will allow for optimal conditions for the seed germination.

A seed drill equipped with a regulator will be required and seed will be drilled ¼-½ inch deep on the contour. Where drilling is not possible a broadcast/rake method will be used doubling the seed mixture.

Seed mixes will be based on BLM recommendations along with input from other sources. Seed mixes will also be based on seed availability and price. Seed mixes will be agreed upon with the BLM before any seeding is done.

Seeding practices may include: broadcast seeding, drop seeding, drill seeding and hydro-seeding. As previously mentioned; if the seeding method differs from the approved APD or COA's, proper approval will be obtained before any seeding is conducted.

**Seed mix for Powderwash areas:**

Indian Ricegrass 3 lb/acre live seed  
Thickspike Wheatgrass 3 lb/acre live seed  
Rosanna Western Wheatgrass ½ lb/acre live seed  
Squirreltail Bottlebrush ½ lb/acre live seed  
Scarlet Globemallow ½ lb/acre live seed  
Winterfat 2 lb/acre live seed  
Shadscale Saltbush 1 lb/acre live seed  
Gardner Saltbush 3 lb/acre live seed  
Wyoming Big Sagebrush 1 lb/acre live seed

**Weed Management**

Our reclamation goal in regards to weed management; is to have the native grasses, forbs and shrubs outcompete invasive/noxious weeds. Where required, Wexpro will be monitoring our bare ground and noxious weed treatments. Weed monitoring may include: weed inventory, pesticide application (GPS) and weed management success. All Pesticide Use Proposals (PUP's), Pesticide Use Reports (PUR's) and Pesticide Application Reports (PAR's) will be submitted complete and on time.

**Monitoring**

One of the most important aspects in our reclamation will be monitoring. Where required, "Annual Reclamation Monitoring Reports" will be submitted to the appropriate Bureau of Land Management Field Office. Monitoring may include: time and date of reclamation projects, seed mixes, how seeding was conducted, seeding success, reclamation in respect to reference area adjacent to location, weed inventory, wildlife and livestock impacts, location erosion, and GPS data of disturbance/reclamation. Based on our monitoring, plans will be made to increase our reclamation success.

**Education**

Wexpro will conduct annual training with our field operators to increase knowledge, awareness and success of our reclamation and weed management plans.

**Contact Information**

For any comments or questions regarding reclamation please contact April Stegall at Wexpro Company.

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