



Utah Gas Corp
Operator # 10539

K-26-3-101-S
Surface Reclamation Plan

Federal/State Unit COC45248

API #05-103-08345

NESW 26 3S101W 6
WestRio Blanco County

Site Description:

The existing well pad is an approximate 1.44-acre disturbance, and access road has a 1.11-acre disturbance which will be reclaimed. The land surface is federal (BLM), with federal minerals. The dominant vegetation community in the lease area can be characterized as Colorado Plateau Pinyon-Juniper Woodland and Shrubland. The average annual temperature for this site is 43° F, with an average precipitation accumulation is about 16 inches. The well pad and access road have been cut into the eastern hillside south of Texas Camp Road. The site elevation is 7,477 feet.

Soils Description:

The USDA National Soils Cooperative website was used to identify boundaries of soils mapping units. The soil on the site is classified as Blazon, moist-Rentsac complex with 8 to 65 percent slopes. This is a calcareous loamy soil that is typically shallow in this region. Blazon soils are typically well draining containing coarse fragments and the parent rock is marine shale.

Pre-Disturbance Vegetation Composition:

Ocular assessment for canopy cover on near-by undisturbed land is 85%.

Known weed infestations:

There were no known weeds on the location when visited during the onsite. Inspection and any necessary treatment will take place, prior to reclamation work.

Management of Waste Material:

Before reclamation earthwork is initiated, qualified personnel will complete a site investigation for the purpose of identifying any soil or groundwater impacts resulting from current and historic activities on the pad. The site investigation includes sampling and analysis to profile E&P waste, collecting field notes and a photographic record of site conditions. Soil samples (and other media as necessary) will be collected from the footprint of removed production equipment, from any visibly stained soil, and wherever accumulations of contaminants are suspect. This may include sampling beneath tanks and historical pits on the location.

Samples will be analyzed for compliance with Colorado Oil and Gas Conservation Commission (COGCC) Table 915 constituents of concern (COCs) and other agency standards as appropriate in the event non-E&P waste is detected.

If COCs exceed COGCC or other agency cleanup standards, contaminated material will be managed in accordance with the COGCC Form 27 Remediation Plan. All remediation activities will be directed by qualified personnel to ensure any contamination is managed in compliance with agency standards regarding generation, treatment, storage, transportation, and disposal. Verification of This may include field screening techniques, laboratory analysis, and in compliance with COGCC 900 Series Rules. The management and disposal of contaminated material will be made available to the landowner (BLM) and the COGCC in accordance with regulations, as required.

Site investigations and remediation will be completed in a timely manner in accordance with agency regulations unless affected by factors outside of UGC's control to include weather, seasonal and catastrophic events (e.g. fire, storm events, floods, access restrictions), public and worker safety concerns, and potential environmental impacts (e.g. wildlife timing restrictions, sensitive habitat, landowner preferences). The COGCC regulations and the events described herein may affect the Operator's ability to complete reclamation activities in accordance with BLM regulations and landowner Surface Use Agreements (SUAs).

Gathering Lines:

The gathering line will be removed from this location while the land is being reclaimed.

Access Road:

The (0.42) mile access road from the pad to the Federal D-26, will be reclaimed and is part of this project. There will be a reclaim sign and fence placed at the entrance of the Federal D-26 to block the public from disturbing the land.

Recontouring:

Re-contouring will start with pulling material back into the hillside on the western side of the location to blend with the natural slope of the area. Drainages will be re-established with subtle land-forming, (see attached map). The surface cover and size distribution of exposed rock will not exceed pre-disturbance site conditions.

The topsoil pile will be spread evenly across the reclaimed pad after recontouring the hillside. On older pads, prior to topsoil storage practices, all topsoil was pushed to the bottom of the pad and covered with fill. We will make every effort to save and distribute any available topsoil found.

Re-establish and stabilize drainage features:

The goal for stormwater management and site stabilization on this location will be to stabilize soils on the reclaim and to prevent excessive erosion, such as slope or soil instability, subsidence and or slumping. All structural BMPs, such as culverts and ditches, will be removed during final reclamation. Re-established drainages, crossing the road reclaim area, will be additionally stabilized by riprap from available rock. The site will be maintained to keep the location free of any trash or construction debris.

Seedbed Preparation and Seeding:

Seed beds will be prepared by surface roughening, with utilization of available slash and/or native plant transplant opportunities. Contours will be shaped to natural repose of the reclaim surface. Seeding will take place within 24 hours of completion of the dirt work, weather permitting. The seed mix will be drilled to a minimum depth of 0.25" and a maximum of 0.50". The following soil amendments will be applied on this site: Richlawn 3-6-3 Organic, with Mycorrhizae and Humates. Additional amendments may be used based on soil sampling. Most of the disturbance will be drill seeded and mulched/crimped with Certified Weed-free straw or Native hay. Since the site will be recontoured to have a steep hill, we will triple the seed drilling rate. If the location is too steep for drill seeding, the seed will be broadcasted at two times the rate.

All seed will be certified weed free and pure live seed rated per BLM standards. All seed weight will be calculated in pounds per acre. All seed tags will be submitted with the sundry notice describing completed work

within 14 days of completion of the work.

Establish desired self-perpetuating plant community:

The following seed mix was recommended by Jay Johnson from the BLM White River Field Office. There is an estimated total of 2.55 acres of this reclaimed area at an average total seed weight of 14.5 lbs. of seed per acre PLV (drill rate). Any proposed changes to the below seed mix will be communicated to the landowner (BLM) prior to seeding.

Rosana	Western Wheatgrass	<i>Pascopyrum smithii</i>	4
Whitmar	Bluebunch Wheatgrass	<i>Pseudoroegneria spicata</i> ssp. <i>thermophila</i>	3.5
Rimrock	Indian Ricegrass	<i>Achnatherum hymenoides</i>	3
	Needle and Thread Grass	<i>Hesperostipa comata</i> ssp. <i>comata</i>	2.5
Maple Grove	Lewis Flax	<i>Linum lewisii</i>	1
	Scarlet Globemallow	<i>Sphaeralcea coccinea</i>	0.5

Standard Seed Mixes (50 seeds per square foot application rate)

Fencing:

Utah Gas Corp will install the BLM standard wildlife friendly fence installed at the entrance of the access road to reduce the potential for human impacts to the germinating and establishing desired species. Fence will have a wire gate installed for maintenance access. Upon conditional approval of FAN, fence will be removed.

Manage Invasive Plants:

Through the annual site visits, noxious and invasive weeds will be identified, inventoried, and treated by licensed contracted herbicide applicators. Utah Gas Corp will monitor, control, and reduce the spread of noxious and invasive weed species within the disturbances as determined in the Colorado Noxious Weed Act and rules pertaining to the administration and enforcement of the Colorado Noxious Weed Act.

Reclamation Monitoring and Reporting:

State regulations and Utah Gas Corp's Best Management Practices require routine site visits and active management over construction activities, along with annual reclamation reporting requirements. At a minimum, the location will be visited every 14 days during active construction and monthly thereafter until the vegetation has reached 70% cover of pre-disturbance levels. Once final reclamation success has been reached, vegetation establishment is 80% cover of pre-disturbance levels, Utah Gas Corp will request a final inspection and approved Final Abandonment Notice (FAN) from the BLM.

Success Criteria for evaluation of the reclamation will be established using a combination of the Custom prescribed seed mix; vegetation monitoring protocols from White River Field Office; and the specific site data, as the Desired Plant Community (DPC). The goal of successful reclamation will be to reach 80% of pre-existing vegetative cover, using an approved methodology for monitoring. Pre-existing vegetative cover will be estimated by assessing a pre-determined reference site when areas near the disturbance do not reflect the appropriate plant community. Successful reclamation will also be representative of an early seral growth of the native plant community as described by the approved seed mix, with no one species exceeding 70 percent basal cover. Utah Gas Corp reserves the opportunity to propose the use of an alternative seed mix if the Custom prescribed mix does not perform or does not appear to be reaching the success criteria within 3 growing seasons.


A vegetation monitoring report for this site will be provided to the BLM White River Field Office, on a three-year rotation, in accordance with the annual reclamation status report. GPS coordinates of monitoring transects will also be provided for replication of monitor for final inspection.

K-26-3-101-S

Final Reclamation Plan
API# 05-103-08345
Utah Gas Corp
760 Horizon Drive
Grand Junction, CO 81506
NWSE 26 3S101W 6
D.Pollack
8/18/2021

Federal D-26

Legend

 Reclaim Area

Reclaim Area

Google Earth

1000 ft

