

File Code: 2210: Range Allotment

Date: 7/24/2017

Subject: Allotment Compliance

To: Jamie Wages

Inspected By: Mike Eytchison

Permittee Present, check if yes:

Allotment Name: Devils' Canyon

Pasture Name: Southeast

Livestock Present, check if yes:

Salting Locations identified, check if yes  and describe below: No salting locations identified

Forage Utilization method utilized: Ocular Estimate

Key Species monitored, if applicable: *Bouteloua curtipendula*, *Eragrostis lehmanniana*

Utilization Percentage Observed: No utilization was observed with the exception of very slight foraging at watering locations.

**Purpose:**

On 07/19/2017, Mike Eytchison went into the Devils' Canyon grazing allotment to conduct end-use monitoring in Southeast pasture.

**General Information, by pasture visited:**

No cattle were seen in Southeast pasture. There was no noticeable forage utilization with the exception of slight utilization at watering locations.

**Access to Pasture/Unit/Allotment:**

I entered the allotment at Hwy 60 and Forest Road 2462 to 2466.

**General allotment/pasture ecological conditions:**

General ecological condition appeared stable or toward a higher seral state. Ground cover was uniform with no indication of soil movement or loss. There was broad diversity of species with few ruderals and most species of a later seral age class.

**General Notes at Data Collection Site:**

There was no indication of cattle presence or forage use at transect locations, however cattle had been in the pasture. Forage grasses and browse species were abundant and exhibited vigorous growth. Annual Red brome was present at both locations and throughout the pasture. No invasive weed species were seen in the pasture.



Photos:



**Figure 1: Walt Tank in satisfactory condition**  
NAD12S E498507 N3686357



**Figure 2: Whitetail deer on Walt Tank.**



**Figure 3: Road Tank in satisfactory condition**  
NAD12S E498526 N3685612



**Figure 1: Transect 1**  
NAD12S E498155 N3685351



**Figure 5: Transect 2**  
NAD12S E497631 N3683731





### Apparent Trend Form

Location: Transect 1  
GPS Location: NAD12S E498155 N3685351

#### Vegetation

##### Toward and Stable

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Favorable frequency grouping and age class of higher stage plants. | <input checked="" type="checkbox"/> Vigor of key species high as indicated by leaf length, seed stock production, and normal color. |
| <input checked="" type="checkbox"/> Forage plants not being pulled up or trampled out by grazing.      | <input checked="" type="checkbox"/> Browse showing little to no hedging.  |

##### Away From

- |   |   |
|---|---|
| <input type="checkbox"/> A disproportional amount of early seral stage plants. Seedlings having difficulty in becoming established. | <input type="checkbox"/> High vigor of key species as indicated by reduced side of plant, reduced leaf length, lack of seed stalks, and off color (yellow). |
| <input type="checkbox"/> Forage species being pulled or trampled by grazing.  | <input type="checkbox"/> Browse species showing sign of repeated heavy hedging.   |

#### Soils

##### Toward and Stable

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Ground cover dispersion – Uniform.   | <input checked="" type="checkbox"/> Lichen on stones and rock fragments. Lichen on soil level. |
| <input checked="" type="checkbox"/> No detectable soil movement.   | <input checked="" type="checkbox"/> No active gullies  |
| <input checked="" type="checkbox"/> Soil cover continuous and intact.  | <input checked="" type="checkbox"/> No recent soil deposits either alluvial or Aeolian.        |
| <input checked="" type="checkbox"/> Stones and rock fragments were present, normal and in place – no movement. | <input checked="" type="checkbox"/> No wind scoured depressions.                               |

##### Away From

- |   |   |
|---|---|
| <input type="checkbox"/> Ground cover dispersion – variable to highly variable. | <input type="checkbox"/> Stones and fragments were present, concentrating on soil surface as erosion pavement. Fragments loose and moving downhill. |
| <input type="checkbox"/> Soil movement detectable.                              | <input type="checkbox"/> Lichen on stones or soil surface absent.   |
| <input type="checkbox"/> Soil cover broken and soil exposed.                    | <input type="checkbox"/> Active gullies – indicating by recent headcutting.   |
| <input type="checkbox"/> Plant roots exposed.                                   | <input type="checkbox"/> Wind-scouring depressions or frost heaving.  |

#### Species Index

BOCU, ERLE, BRRU, QUTU, JUMO  
ERWR, GUSA, ARCTO3, PIMO, Agave  
Sotol, NOMI

#### Notes

[Click here to enter text.](#)



## Apparent Trend Form

Location: Transect 2  
GPS Location: NAD12S E497631 N3683731

### Vegetation

#### Toward and Stable

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Favorable frequency grouping and age class of higher stage plants. | <input checked="" type="checkbox"/> Vigor of key species high as indicated by leaf length, seed stock production, and normal color. |
| <input checked="" type="checkbox"/> Forage plants not being pulled up or trampled out by grazing.      | <input checked="" type="checkbox"/> Browse showing little to no hedging.  |

#### Away From

- |   |   |
|---|---|
| <input type="checkbox"/> A disproportional amount of early seral stage plants. Seedlings having difficulty in becoming established. | <input type="checkbox"/> High vigor of key species as indicated by reduced side of plant, reduced leaf length, lack of seed stalks, and off color (yellow). |
| <input type="checkbox"/> Forage species being pulled or trampled by grazing.  | <input type="checkbox"/> Browse species showing sign of repeated heavy hedging.   |

### Soils

#### Toward and Stable

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Ground cover dispersion – Uniform.   | <input checked="" type="checkbox"/> Lichen on stones and rock fragments. Lichen on soil level. |
| <input checked="" type="checkbox"/> No detectable soil movement.   | <input checked="" type="checkbox"/> No active gullies  |
| <input checked="" type="checkbox"/> Soil cover continuous and intact.  | <input checked="" type="checkbox"/> No recent soil deposits either alluvial or Aeolian.        |
| <input checked="" type="checkbox"/> Stones and rock fragments were present, normal and in place – no movement. | <input checked="" type="checkbox"/> No wind scoured depressions.                               |

#### Away From

- |   |   |
|---|---|
| <input type="checkbox"/> Ground cover dispersion – variable to highly variable. | <input type="checkbox"/> Stones and fragments were present, concentrating on soil surface as erosion pavement. Fragments loose and moving downhill. |
| <input type="checkbox"/> Soil movement detectable.                              | <input type="checkbox"/> Lichen on stones or soil surface absent.   |
| <input type="checkbox"/> Soil cover broken and soil exposed.                    | <input type="checkbox"/> Active gullies – indicating by recent headcutting.   |
| <input type="checkbox"/> Plant roots exposed.                                   | <input type="checkbox"/> Wind-scouring depressions or frost heaving.  |

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