

Glenwood Ranger District

Gila National Forest

ANNUAL OPERATING INSTRUCTIONS

2016

Harve Gulch Allotment #409

Prepared By:	<u>/s/ DK Brown</u> District Range Staff	Date: <u>02/08/2016</u>
Approved By:	<u>/s/ Anne L. Casey</u> District Ranger	Date: <u>02/08/2016</u>

Annual Operating Instructions

I. INTRODUCTION

Kendall Brown (Forest Service) met with Joe Faust (permittee) on February 08, 2016 to discuss management of the Harve Gulch Allotment during the current grazing year and to plan grazing management for the upcoming grazing season. These Annual Operating Instructions are the result of that discussion.

Term Permitted Livestock Numbers

Number and class of livestock	Dates
106 Cattle-cow/calf	03/01 – 02/28

Harve Gulch Allotment Annual Authorization

Number and Class of livestock	Dates Authorized
106 Cattle-cow/calf	03/01 – 02/28

Harve Gulch Allotment Pasture Rotation

Class of Livestock	Rotation Date	Pasture
Cow/calf	03/01 – 04/30	Hospital & Whitewater II (half of herd)
Cow/calf	03/01 – 04/30	Lower Houston (half of herd)
Cow/calf	05/01 – 06/15	Mineral, Oaks, Holding 1 & 2, & Grove (gathering & branding)
Cow/calf	06/15 – 08/15	Lower & Upper Bursum
Cow/calf	08/16 – 11/15	Harve Gulch East & Whitewater I
Cow/calf	11/16 – 02/28	Carcass Basin (½ herd) Upper Houston/Golddust (½ herd)
	GROWING SEASON REST	Harve Gulch West

The above schedule for stocking the allotment depends upon the availability of forage and water. Some flexibility in the above pasture rotation dates will be allowed for justifiable causes such as weather conditions, livestock management needs, and range conditions. If there is a need to deviate from the above pasture rotation schedule by more than 15 days, you must notify the Ranger District of the proposed change in the pasture rotation date and the reason for the change. A deviation from the above schedule of more than 15 days must be approved verbally or in writing. Credit/Refund applications will not be processed unless District personnel have been notified either in advance or at the time of removal of stock.

II. MANAGEMENT OF LIVESTOCK

The permittee is responsible for monitoring water availability and forage utilization and moving livestock when sufficient water is no longer available or when proper forage utilization is achieved in a pasture. The permittee is responsible for keeping track of and maintaining control of livestock. In the event livestock are found to be out of the scheduled pasture, it is required to find, gather, and return those animals to the proper pasture as soon as possible.

III. IMPROVEMENT MAINTENANCE

All range improvements assigned in the 10-year Term Grazing Permit should be maintained in a functioning condition. In the event these improvements cannot be brought up to a functioning condition, you should notify this office so we can schedule them for reconstruction as funds become available.

You widened and leveled the spillways for Upper Twin Tank (004271), Lower Twin Tank (004270), and Frisco Tank (004195) in 2012, but the spillways need hardening. These three tanks received damage during the September 2013 flood and need repair. You plan on using erosion blocks to prevent cutting on these spillways. These blocks will be provided to you by the Glenwood Ranger Station. Cultural clearances are in place for these tanks.

We will check on cultural resource clearances before you replace the pipeline from Harve Gulch Windmill to steel rim storage in West Harve Gulch pasture.

Corrals at Harve Gulch East (#486), corrals at Golddust, and water improvement (Blue Bird) on Mogollon road all need reconstruction. Cooperative agreement for replacement of these improvements will be sought with NRCS.

IV. GENERAL INSTRUCTIONS

1. Fire: Branding and warming fires should be used with good judgment - not on windy days or during times when fires are specifically restricted. The Glenwood District may allow naturally ignited fires to burn on the district this coming year. We will notify you and solicit your input if we plan to let a fire burn on your allotment.

2. Records: In order to close out permit modifications you must provide documentation of materials and labor constituting your contribution to the permit modification.

You must provide documentation of cattle numbers such as dates of entering and leaving pastures. This information is used to substantiate the carrying capacity of the allotment. The information demonstrates use and the need for forage to meet the economic needs of the county. This information may also be used to establish cause and effect if there is a significant change in calf crop (Example, a wolf pack becomes established near your allotment).

3. Heavy Equipment Use: Please notify district well in advance of any plans to use heavy equipment so that necessary clearances and/or permits can be obtained. You will be notified by the district when you can proceed.

4. Credit/Refund: Any credit or refund applications for grazing fees must be made as far in advance as possible. Credit/Refund applications are not retroactive and will be approved only if the District Ranger is notified of livestock removal, prior to, or at the time, the livestock are taken off the allotment. You will be required to provide your Social Security or Tax ID number in order for a refund to be processed.

6. Salting and Supplemental Feeding:

- a. Feeding of hay or other bulk feeds on National Forest land will not be permitted unless a proven need to use the supplement is shown, and a detailed plan is developed and approved. All supplemental hay must be **certified weed free** hay and you must provide the proper documentation.

- b. Feeding of vitamin or mineral supplements, protein blocks, molasses licks, etc on National Forest land is permitted when used in the same manner as salt.
- c. Salting practices will be in agreement with the 10-Year Term Grazing Permit. Salt will be placed in areas of available feed to help draw cattle to them. Salt will not be placed within ¼ mile from water and/or in natural concentrations areas which receive heavy grazing use.

V. ALLOTMENT STATUS

The Harve Gulch/Mogollon Allotments environmental analysis process was completed in 2014. A decision notice was signed by District Ranger Debbie Cress on 09/18/2014. Management direction provided in these Annual Operating Instructions follows the EA, DN, and AMP developed for this allotment.

VI. SPECIAL MANAGEMENT CONCERNS

Keep track of conditions on your allotment and make plans to reduce or remove livestock if vegetative/watershed conditions could be substantially harmed due to continued grazing. If water availability becomes a problem, we may need to adjust the rotation schedule. Contact Kendall Brown if there is a need to adjust the schedule.

Cattle are not authorized to be in the San Francisco River, Whitewater Creek, or the community of Mogollon. Please promptly remove any cattle that stray into these areas.

VII. UTILIZATION MONITORING

You will be notified when monitoring is to be conducted on your allotment in order for you to be involved.

Monitoring of herbaceous forage will be conducted by ocular estimate of utilization of forage plants within a pasture. When necessary, verification of ocular estimates will be conducted using common methodology such as weigh/clip, grazed plant numbers, or stubble height. Grazing use will be described in the following utilization categories:

Qualitative Grazing Intensity Category	Use of Forage by Weight	Qualitative Indicators of Grazing Intensity
Light to no-use	< 30%	Only choice plants and areas show use: there is no use of poor forage plants.
Conservative	31-40%	Choice forage plants have abundant seed stalks: Areas more than a mile from water show little use: About on third to one half of primary forage plants show grazing on key areas.
Moderate	41-50%	Most of accessible range shows use: Key areas show patch appearance with one half to two thirds of primary forage plants showing use: Grazing is noticeable in zone 1-1.5 miles from water.
Heavy	51-60%	Nearly all primary forage plants show grazing on key areas: Palatable shrubs show hedging: Key areas show a lack of seed stalks: Grazing is noticeable in areas over 1.5 miles from water.
Severe	61 +%	Key areas show a clipped or mowed appearance (no stubble height): Shrubs are severely hedged: There is evidence of livestock trailing to forage: Areas over 1.5 miles from water lack stubble height.

Holechek, J.L. and D. Galt. 2000. Grazing Intensity Guidelines. Rangelands 22(3), pg 11-14.

If you observe utilization levels approaching moderate intensity (40% or greater use) you will need to take action for making changes to the grazing in that area. There are many actions that can be taken, such as pasture moves, locating your livestock on

different waters, moving of salt and supplements, etc. We will work with you in order to insure that any actions taken are appropriate.

Utilization monitoring will normally coincide with livestock moves between pastures or from the forest. The percent grazing use will be documented at that time. The following dates have been tentatively been scheduled for monitoring on the allotment. You are strongly encouraged to participate in monitoring.

Monitoring schedule

Pasture	Monitoring Date	Allowable Use	Key Area
Lower Houston Hospital & Whitewater II	05/01	Conservative (31 – 40%)	Pasture-wide
Harve Gulch East	12/01	Conservative (31 – 40%)	Pasture-wide
Harve Gulch West	12/01	Conservative (31 – 40%)	Pasture-wide
Whitewater I	12/01	Conservative (31 – 40%)	Pasture-wide
Carcass Basin, Upper Houston, & Golddust	03/01	Conservative (31 – 40%)	Pasture-wide

Monitoring of utilization for woody riparian species will be conducted on a reach basis in identified riparian areas (see table below).

Pasture	Reach description	Management	Allowable Use
West Harve Gulch	San Francisco River from the Harve Gulch drainage to the North boundary of the Bighorn Allotment.	Excluded by fencing and natural barrier	0%
Carcass Basin	San Francisco River from the Harve Gulch drainage downstream to private land.	Excluded by fencing and natural barrier	0%
Golddust	Whitewater Creek	Excluded by fencing and natural barrier	0%

If unforeseen operational conditions require a change in the management specified in this AOI please contact rangeland management personnel at the Glenwood Ranger District. Change requests should be made in advance so that field inspections (if necessary) can be conducted. Approval of changes to this AOI may be verbal or written, depending on the nature of the change requested. Verbal changes will be documented to your file for record keeping purposes. Failure to follow the direction provided in this AOI, or other instructions (verbal or written) of a Forest Officer may lead to adverse action against your Term Grazing Permit (Part 1, Section 3 of your Term Grazing Permit).

Open and positive communications concerning all AOI content is encouraged. Feel free to contact Kendall Brown if you have any questions or concerns.