



United States
Department of
Agriculture

Forest
Service

Southwestern Region 3
Carson National Forest
Questa Ranger District

P. O. Box 110 1
Questa, New Mexico 87556
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2011

Annual Operating Instructions (AOI)

Deer Creek Allotment #00703

Carson National Forest

Questa Ranger District

MICHAEL L. CASADOS, ACTING DFR FOR
JERRY MASTEL
Questa District Ranger

MARCH 5, 2011

Date



Annual Operating Instructions

Introduction

This Annual Operating Instructions (AOI) is in reference to the discussion you had with Michael Casados on March 3, 2011. The authorized use for the 2011 grazing season on the Deer Creek Complex Allotments is as follows:

Table 1 –Permittee Information and Season of Use

Permittee Name	Permitted#	Season	Authorized#	Season	Remarks
Mrs. Lupe M. Archuleta	12 c/c	7/1-9/15	-0-	-0-	Nonuse in 2011
Leo Valencia Sr.	10 c/c	7/1-9/15	10		Active
Erminio Martinez	23 c/c	7/1-9/15	23		Active
Steve Bender	5 c/c	7/1-9/15	5		Active
Total	50 head		38		76 % Active-38 24% Nonuse-12

Management of Livestock

It is the responsibility of the grazing permittee on this allotment upon entering the National Forest Lands to ensure proper distribution of livestock. Livestock will be pushed out of heavy use areas, and encouraged to utilize areas with light or no use. All livestock will be confined to one pasture at a time. Animals will be moved to the next use pasture when the desired level of use is reached.

All livestock must be scheduled to counting prior to entering Deer Creek Allotment. The Questa Ranger District must be notified 5 days prior to time livestock enter or leave the Forest. Nonuse applies only to animal numbers. Nonuse is approval to graze less than 90% of the permitted livestock during the permitted grazing season. Nonuse of a term permit must be requested in written form for all the permitted grazing season (Total Nonuse), or part of the permitted numbers (Partial Nonuse). Verbal applications will not be accepted. If a permittee elects to request "total nonuse" or "partial nonuse" he/she is still responsible for maintenance of assigned range improvements and association fees.

A credit/refund is not automatic, but must be requested in writing by the permittee(s) and approved by the District Ranger. Refer to Attachment 1 for documentation of any annual operating instruction adjustments.

Rotation Schedule

Initial distribution of your livestock is tentatively planned as follows (actual dates will be based on range readiness). There will be no livestock on the Deer Creek Allotment until such time as range conditions improve. Range conditions will be monitored by the grazing permittees and district range personnel to determine when stocking can be authorized.



All livestock will be confined to one pasture at a time. Livestock will be moved to the next use pasture when the desired level or use is reached. All livestock will be handled as one herd and the gates to the next scheduled pasture may be opened a few days prior to the scheduled move.

The pasture in which the livestock are leaving should be cleaned out 7 days after the scheduled date for moving. Livestock are permitted only in those pastures in which they are scheduled to be in at that time. Livestock will use only on pasture at any time. Refer to Attachment 2 for actual use information.

Table 2 – Season of Use (July 1 to September 15)

Pasture	Season of Use	Livestock Numbers	Planned numbers of days	Comments
Long Canyon	7/1	8/15	45 days of use	
Main Fork	REST IN 2011			
Deer Creek	8/16	9/5	20 days of use	
Bull of the Woods use area	9/6	9/15	9 days of use on existing allotment	

The range readiness inspection(s) will determine the exact date livestock can be moved onto the allotment, and which pasture will be grazed first. (Refer to Attachment 3 & 3-A, Range Readiness Report form FS 6200 28a (5/84) which needs to be completed to document current conditions on the allotment.) Each permittee is encouraged to participate in this decision.

Forage Utilization Standards

Desired Conditions: Forage utilization will be measured in key areas. Key areas will be the only areas used to determine forage utilization by all ungulates. A forage utilization condition of 20 to 40 percent average of native key forage species within each key area is desired.

Maintaining riparian stubble heights of 3 inches or more during the entire growing season on sedges is desired.

Monitor for these standards through key species utilization in key areas and within riparian areas. Key species within the key areas have been identified, and these are what the forage utilization standard will be applied to. The following are the key forage species by vegetation type found.

Table 3 - Key forage species by vegetation type.

Location	Key Grass Species
Pinon Juniper/ Sagebrush	Western Wheatgrass Blue Grama Black Grama Galleta Crested Wheatgrass
Ponderosa Pine	Arizona Fescue Kentucky Bluegrass



	Mountain Muhly
Mixed Conifer	Arizona/Thurber Fescue Kentucky Bluegrass Oat Grasses
Mountain Meadow	Arizona/Thurber Fescue Kentucky Bluegrass Oat Grasses
Riparian	Red Top Kentucky Bluegrass Sedges

Distribution and Salt Plans: Herding and riding practices are encouraged to achieving proper livestock distribution on the allotment, and to provide the fullest use of the grazing season. Salt must be placed out of bottoms, away from water, roads, forest system trails, and recreational sites in an effort to distribute animals throughout each pasture and encourage animals to roam throughout. Proper salt placement and monitoring is important in achieving proper distribution. Salt should be placed in areas of historical light use. No permanent salt grounds will be established, once salt is used up, another suitable area will be found for salt, and livestock should be shown where the new salt grounds are. Any salt improperly placed will be picked up by the Ranger, and can be claimed at the district office.

Unauthorized use (trespass) will be subject to Forest Service Regulations. Violations will be handled through the Questa District Office and permitted owners are encouraged to participate or report any such violations.

All grazing Bill for Collections must be paid before placing any permitted livestock onto the National Forest lands.

Monitoring

Both the Forest Service and the permittee are responsible for monitoring use and stubble height on the allotment to manage within specified utilization standards.

If areas within a pasture or the pasture as a whole begin to approach the identified stubble heights, then the remaining key areas will also be monitored and the pasture inspected to determine overall use patterns.

Monitoring items such as distribution patterns, range readiness, cattle numbers, forage use levels, salting practices, and condition of improvement will be evaluated. A District Range Inspection Report will be completed to document what was seen while out on the allotment every time Forest Service range personnel visit the allotment. Refer to Attachment 4, "Range Inspection Report".

Ocular Utilization estimates are done on the allotment using the Ocular Estimate Method, and Key Browse Species. Refer to Attachment 5, "R3-2200-OEB" for this form to be completed. These are done by Forest Service range personnel to document any information gathered during an allotment visit.

Range personnel will also take photographs of key areas, retake any established photo points, read old study plots and/or transects, and conduct utilization/production studies when these are scheduled.



Monitoring by allotment permittees is very important. Visiting and/or having conversations with the permittees about the allotment’s forage conditions can be discussed through in person dialogue or by telephone conversations.

Monitoring and compliance inspections are done on range improvements within the allotment and document in our allotment inspections reports. Range improvements information is kept track of in the **NRM FS Web SYSTEM**.

Allotment inspections and monitoring is done on horseback within each of the pastures in the allotment. Permittees and Forest Service conduct these inspections together.

Range Improvements

It is important that you inspect and maintain the assigned allotment boundary fences, interior pasture division fences, stock tanks, springs, cattle guards and other structural improvements prior to livestock entering the allotment or pasture. Range improvements in the “entry pasture” must be in good functioning condition prior to the July 1st entry date. All other pasture fences and waters must be maintained prior to livestock movement into the next scheduled pasture(s).

In the event these improvements cannot be brought up to standard, you should notify the range personnel so we can schedule them for reconstruction as funds become available. An inspection of your allotment prior to the entry date will be made to determine if maintenance is adequate.

Table 4 – Range, Watershed, or Permittee Improvement Projects.

Project Name	Kind & Number	Location	Status	Comments
Taos Ski Valley Corral	1 corral 45 X 45 feet	Taos Ski Valley Parking Lot	Construct	Corral erected in July of 2008. Livestock panels to be welded onto pipe 2011
Fence	Drift fence	Between the Bull of the Woods and Gold Hill	Proposed	This was identified as a need because in 2003 drifting of cattle occurred down in the Bull of the Woods area.
Existing drift fence	Wire Fence	Long Canyon	Recon	Maintain and recon fence. On-going...
Wilderness Trail	Trail	Main Fork	Existing	Check with F.S. to maintain.
Long Canyon Spring	Spring	Long Canyon Pasture	Construct and Develop	Fence built in 2009. Reconstruct in 2011 with treated posts and barb wire. Installation of Trough and black polypipe.



Fence Maintenance

It is important that you inspect and maintain the assigned fences and water developments in the “entry pasture” to a good functioning condition prior to the July 1st entry date. All other pastures fences and water developments must be maintained prior to livestock movement in to the next schedule pasture(s).

In the event these improvements can not be brought up to standard, you should notify the range personnel. An inspection of your allotment prior to the entry date will be made to determine if maintenance is adequate.

If you have a need to cut fence stays or posts while you are maintaining your fences on your allotment, you can get authorization to cut these materials by obtaining a Free Use Permit from the range personnel at the Questa Ranger District.

Allotment Status

At the present time direction for management on the allotment is being documented in the Annual Operating Instructions. An environmental analysis (EA) and Decision Notice was signed on May 15, 2008.

Open and positive communication is encouraged. Feel free to contact the range personnel if you have any questions or problems. They will be happy to discuss allotment management, on the ground status, Forest Plan standards and guidelines, and possible changes in allotment management.

Special Instructions

COUNTING: All livestock belonging to each permittee must be branded (cows/calves & bulls) with permittee of record’s individual personal brand(s). Cattle would be inspected and counted @ the private ranch corrals or at the Taos Ski Valley Parking lot.

Appeal Statement

This Annual Operating Instructions (AOI) is hereby made a part of your Term Grazing Permit. The annual operating instructions (AOI) give specific direction in the management of this grazing unit. The permitted owners using this allotment are encouraged to provide input in order to bring about proper and continued wise use of these renewable natural resources. Any diversion from this plan may put the Term Grazing Permit in jeopardy. If a change is needed, approval from the District is required.

If you have any questions concerning this plan please let the District Ranger know. Enjoy the use of your National Forest and the grazing unit assigned to you this season.

This decision is subject to administrative review, pursuant to 36 CFR 251; and any appeal of this decision must be fully consistent with 36 CFR 251.90. In accordance with 36 CFR 251.84, if you file an appeal, I am willing to meet with you to discuss any concerns you may have with my decision. If you file an appeal, you may request an oral presentation in the appeal or at any time prior to closing of the appeal record (36 CFR 251.97). Additionally, if you file an appeal, you may request a stay of my decision in the appeal or at any time prior to closing of the appeal record (36 CFR 251.91).



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A notice of appeal must be filed with the Forest Supervisor, Carson National Forest, 208 Cruz Alta, Taos, New Mexico 87571, within 45 days of the date of this decision. A copy of the notice of appeal must be filed simultaneously with Questa District Forest Ranger, who was the deciding officer and the address for mailing the appeal copy is P. O. Box 110, Questa, New Mexico 87556.

I will appreciate if you contact me and together we try to resolve disagreements before you file any Notice of Appeal. I value your experience and knowledge of the allotment. If we cannot reach an agreement, you may exercise your appeal rights. This will insure that we both understand the reasons for each other's position regarding any issues. I look forward to working with you this season. I am confident that together we will work effectively to manage the range resources in a manner that reflects good stewardship for the land and livestock.



Attachment 2: Actual Use Information

Pasture	Planned Livestock Number & Class	Planned Use Date On	Planned Use Date Off	Actual Use Date On	Actual Use Date Off
Long Canyon	38 head of cattle	7/1	8/15		
Main Fork	Rest in 2011				
Deer Creek	38 head of cattle	8/16	9/5		
Bull of the Woods use area	38 head of cattle	9/6	9/15		

Number of Livestock (Head) counted on _____.

Number of Livestock (Head) lost _____.

Report of Livestock Losses

Livestock Class	Poisonous Plants	Predators	Other	Total Losses

REMARKS:



Attachment 3: Range Readiness Report

Allotment: _____

Date: _____

Plant development of major forage species.

Soil moisture status.

Range Ready? _____

Are the fences cow-proof and properly maintained?

Are other range improvements (stock tanks, trick tanks, pipelines, windmills, etc) maintained to permit standards?



Questa Ranger District Form
Attachment 3-A Title 2200 Range Management

2221.3 – Range Readiness Standards. The following standards will be used on the Santa Fe National Forest and are applicable on the Carson National Forest for determining range readiness:

Grasses

- Kentucky Bluegrass (Popr) - Panicles fully open
- Mutton Bluegrass (Pofe) - Plants maturing
- Western Wheatgrass (Agsm) - Six inches or more in height
- Junegrass (kocr) - Plants heading out
- Timber Oatgrass (DANT) - In full bloom
- Mountain Muhly (Mumo) - Headed out
- Arizona Fescue (Fear) - 8” or more in height, heading out

Grasslike

- Carex spp. (CARE) - Seed Formed

Forbs

- Yarrow (Acla) - Heads evident
- Lupine (LUPI) - Flower buds evident
- Dandelion (TARA) - Most plants seed disseminated
- Low Larkspur (DELP) - Full bloom
- Golden Pea (Thpi) - Full bloom

Browse

- Mountain Mahogany (CERC) - Fully leaved
- Serviceberry (Amut) - Fruit forming
- Aspen (Potr) - Fully leaved – deep green
- Ribes (RIBE) - Flowering 50% or more
- Snowberry (SYMP) - Flower buds evident

Use a combination of species and plants rather than a single plant or species as a guide to range readiness. Apply these standards to representative range areas. These standards have primary application under season-long and simple deferred-rotation grazing systems involving only two pastures.



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Attachment 4: Questa Ranger District

YEAR _____

RANGE INSPECTION REPORT _____ ALLOTMENT

Forage condition in _____ unit(s). Photo taken Y or N.

Soil Moisture Conditions on the Allotment.

Overall Range Conditions (Dry or Moist Soil Conditions).

Water Availability on the Allotment.

Deterioration Range Conditions on the Allotment (soil compaction occurring).

Livestock Location (area).

Riparian Conditions (livestock present)

Did permittee attend? Yes or No _____.



Questa Ranger District Form

Attachment 5: Utilization Study Data-Ocular Estimate Method, Key Browse Species, Form R3-2200-OEB.

Forest:	District:	Plot ID:
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Allotment Name and Number:	Pasture:
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Kind/Class & Number of Animals:	Period of Use:	Actual Use	Animal Months
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Date:	Examiners:
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Spp 1:	Spp 2:
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Class Interval Midpoint	Dot Count	Total (C)	(C X M)	Dot Count	Total (C)	(C X M)	Browse Utilization Classes (Herbaceous Utilization Classes are on the other side)
Class I 0 – 5% M = 2.5%							Rangeland shows no evidence of grazing use; or rangeland has appearance of negligible grazing.
Class II 6 – 20% M = 13%							Rangeland has appearance of very slight grazing. Key herbaceous forage plants may be topped or slightly used. Current seed stalks of key herbaceous species are little disturbed.
Class III 21 – 40% M = 30%							Rangeland may be topped, skimmed, or grazed in patches. Low value herbaceous plants are ungrazed and 60 – 80% of the current seed stalks of key herbaceous species remain intact. Most young plants are undamaged.
Class IV 41 – 60 % M = 50%							Rangeland appears entirely covered as uniformly as natural features and facilities will allow. 15 – 25% of the current seed stalks of key herbaceous species remain intact. No more than 10% of the low value herbaceous forage plants are utilized. (Moderate use does not imply proper use)
Class V 61 – 70% M = 70%							Rangeland has appearance of complete use. Key herbaceous species are almost completely utilized with less than 10% of the current seed stalks remaining. Shoots of rhizomatous grasses are missing. More than 10% of low value herbaceous forage plants have been utilized.
Class VI 81 – 100% M = 90%							Rangeland has mown appearance and there are indications of repeated coverage. There is no evidence of reproduction or current seed stalks of key herbaceous species. Key herbaceous forage species are completely utilized. Remaining stubble of preferred grasses is grazed to soil surface.
XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	Totals			Totals			XX XX XX
Average Utilization				XXXXXX XXXXXX XXXXXX			XX XX XX