

INTERIM ALLOTMENT MANAGEMENT PLAN

NANCY CREEK ALLOTMENT

KETTLE FALLS RANGER DISTRICT

COLVILLE NATIONAL FOREST

Daylorward  
PREPARED BY

2/3/75  
DATE

/s/ J.C. Carson  
PERMITTEE REVIEW

2/3/75  
DATE

Smith, Dist. Ranger  
APPROVED BY

2/19/75  
DATE

## INTRODUCTION

This is an interim management plan for the Nancy Creek Allotment. It serves to summarize the allotment history, outline current management, and propose future management possibilities.

It recognizes that current management is less than satisfactory, and it is not intended to be all inclusive or final.

## HISTORY

Cattle first used this allotment in 1947. Prior to then, it had been used by sheep.

It was originally part of the Boyds Allotment, and was separated out in 1959.

The present permittee, J.C. Carson, has always been the sole permittee. His original permit of 132 AUMs has increased to the present level of 215 AUMs.

REA mapping was started around 1970. The project was never completed. Management plans were written in 1959 and 1964.

The 1964 plan lists existing improvements and calls for season long use.

#### PRESENT MANAGEMENT

Nothing is known about present management other than Mr. Carson turns his cattle out on 6/1 and brings them home in the fall. How much riding and salting is done, isn't known.

Mr. Carson has suggested splitting his allotment into two pastures by fencing. This has never been followed up on.

He normally contacts the Forest Service every spring to count his cattle out of a corral he has on adjacent privately owned land.

This permittee has a private land permit for 13 head. This has been in effect since it was issued for 5 head in 1955.

## ALLOTMENT CAPACITY

There are no studies or any type of data on this allotment. Stocking has probably been set over the years based on simple observation.

There is no doubt adequate feed, but season long use isn't an acceptable system on this allotment or any other on the District.

A rough capacity estimate for a pasture system is 485 AUM, per this plan (See Planned Course of Action).

## POSSIBLE MANAGEMENT

1. The permittee has proposed fencing the allotment into one north and one south pasture. The Forest Service has never analyzed this proposal but it probably has merit.
2. The Renner Lake and Boyds allotments are in a similar situation. Since these allotments are all adjacent, it may be possible to combine them into one, and rest or defer a third periodically. This has been discussed with the permittees. Although the permittees were not in favor of the proposal, it is left in this plan as an option.

The proposal of Carson's to fence Nancy Creek into two pastures will be pursued.

## PROBLEMS AND MANAGEMENT CONSIDERATIONS

1. No allotment map, range analysis data, observations or studies.
2. The State has been negotiating with Mr. Carson to purchase about 3000 acres of his land adjacent to his allotment for deer winter range. The sale isn't probable, but if it took place, it might effect the grazing.
3. Mr. Barney Miller owns land in the middle of the allotment. Carson's cattle use the area fairly heavily. Miller has, at times, charged Carson for this use. There are no fences to exclude the stock. A private land permit has never been issued.
4. The allotment boundaries should be examimed with the permittee and adjusted as needed. Specificicially we need to determine what use is made in the Deadman Creek drainage.
5. This plan adjusts the north allotment boundary to exclude that area north of Deadman Creek in the W.1/2, Sec. 18,T37N, R36E. There is an identified conflict with cattle use and deer winter range here. Mr. Carson <sup>currently</sup> leases private lands to the east to Diamond M Ranch. Cattle may drift into this area from there.

This has been discussed with Mr. Carson, and he has agreed to fence if necessary to prevent this drift.

PLANNED COURSE OF ACTION

Try to combine the Nancy Creek, Boyds and Renner Lake allotments. Since this was not favored by the permittees, it is left in this plan only as an option. In lieu of this, fencing the Nancy Creek allotment into pastures will be pursued.

Following is a rough idea of how the combination of allotments might work:

PRESENT PERMITTED USE --

Nancy Creek:	J.C. Carson (56 Head)	
	13 P.L. 6/1 - 10/31 - - -	65 AUM
	40 term, 6/1 - 10/31 - - -	200 AUM
	3 temp, 6/1 - 10/31 - - -	15 AUM
	Total Nancy Creek	<u>280 AUM</u>
Boyds:	Gordon Anderson (41 Head)	
	12 term, 6/1 - 10/31 - - -	60 AUM
	29 temp, 6/1 - 10/31 - - -	145 AUM
	William Delp (6 head)	
	2 term, 6/1 - 10/31 - - -	10 AUM
	4 temp, 6/1 - 10/31 - - -	20 AUM
	Lewis Delp (22 Head)	
	10 temp, 6/1 - 10/31 - - -	50 AUM
	12 P.L., 6/1 - 10/31 - - -	60 AUM
	Lawrence Moore (27 Head)	
	25 term, 6/1 - 10/31 - - -	125 AUM
	2 temp. 6/1 - 10/31 - - -	10 AUM
	Total Boyds Allotment	<u>480 AUM</u>
Renner Lake:	Lawrence Moore (51 Head)	
	20 term, 6/1 - 9/30 - - -	80 AUM
	31 temp, 6/1 - 9/30 - - -	124 AUM
	Total Renner Lake	<u>204 AUM</u>

Total permitted Use - Nancy Creek, Boyds, Renner Lake  
964 AUM (203 Head)



ESTIMATED ALLOTMENT CAPACITIES - Nancy Creek (Private land not included)

Surface Acres	7500
1/2 Surface Acres suitable for grazing	3750
Production dry weight desirable	
Forage @ 200#/acre	750,000#
Usable @ 65% utilization level	487,500#
AUMs @ 1000#/AUM	485 AUMs
Boyds	
Surface Acres	6500
AUMs figured same way as Nancy Cr.	420
Renner Lake	
Surface Acres	6000
AUMs figured same way as Nancy Cr.	385
Total Capacity - Nancy Creek, Boyds, Renner Lake	
Allotments	1290 AUM
Private land permitted capacity from private land permits	
	125 AUM
Total capacity with private land	145 AUM

POSSIBLE GRAZING SCHEDULE

6/1 - 10/31, 203 Head

YEAR	NANCY CREEK (INCL. PVT. LAND) 550 AUM	BOYDS (INCL. PVT. LAND) 480 AUM	RENNER LAKE 385 AUM
1	86 head, 6/1 - 10/31 430 AUM	117 head, 6/1 - 8/15 293 AUM	117 head, 8/15 - 10/31 293 AUM
2	REPEAT SAME SCHEDULE		
3	86 Head, 6/1 - 10/31 430 AUM	117 Head, 8/15 - 10/31 293 AUM	117 Head, 6/1 - 8/15 293 AUM
4	REPEAT SAME SCHEDULE		
5	REST	96 head, 6/1 - 10/31 480 AUM	77 Head, 6/1 - 10/31 385 AUM
6	REPEAT SAME SCHEDULE		
7	107 Head, 8/15 - 10/31 268 AUM	96 Head, 6/1 - 10/31 480 AUM	107 Head, 6/1 - 8/15 268 AUM
8	REPEAT SAME SCHEDULE		

The above schedule appears feasible and should give better forage use, and resource protection. The capacity estimates are "desk estimates" and the system should be put in effect only on a trial basis. If observations through one complete grazing cycle confirm the original capacity estimates, addition stocking might be possible as below:

Years 1 & 2 - According to capacity estimates, the Nancy Creek unit could take 24 more head, Boyds 75 head more, and Renner Lake, 37 more.

Years 3 & 4 - Same as 1 & 2

Years 5 & 6 - This is alternative "A" for the grazing system. It requires 30 head less then the 203 presently permitted.

Years 7 & 8 - There is excess capacity for 46 head on the Renner Unit and 113 head on Nancy Creek. This is alternative "B" which requires a major stock movement from Renner to Nancy on 8/15.

This system is only a possibility and may need modified. Of note is the fact Lawrence Moore is the only permittee presently permitted to 9/30 on the Renner Lake allotment. The other permits run through 10/31. This proposed system runs Moore's permit through 10/31 at the present stocking level (in effect an increase). It may be necessary to permit him less cattle for the longer period, or require their removal on 9/30 as at present.

It would be necessary to construct some fencing between the Boyds and Renner Lake areas (probably less than 2 miles). Some water developments may be needed. Regular riding and salting would be necessary for distribution.

Consideration should also be given to what effects this program would have on other included private ownerships not fenced out.

## IMPROVEMENTS

The 1964 Management Plan lists five water troughs and gives their location. The 1970 range analysis overlays show only the Carson, State and Sand troughs as existing. The last allotment maps (undated) shows five troughs. These are transferred onto the attached map.

As with other allotments on the District, a good improvement survey is needed.

## STUDIES AND TRANSECTS

There are no studies or transects. Key areas will be located and utilization studies taken.

Under a season long system, a 50% use level will be allowed on desirable forage. Adjustments will be made after three years study, so that no key area receives use in excess of 50%.

A higher utilization level (65%) is allowed under the proposed allotment combination. This same use level could be allowed under a two pasture system if each unit receives two consecutive years of deferment.