

INTERIM ALLOTMENT MANAGEMENT PLAN

RENNER LAKE ALLOTMENT

KETTLE FALLS RANGER DISTRICT

COLVILLE NATIONAL FOREST

Doylewood 2/3/75  
PREPARED BY DATE

15/ Lawrence Moore 2/3/75  
PERMITTEE REVIEW DATE

Larry Smith Dist Rgr 2/19/75  
APPROVED BY DATE

## INTRODUCTION

This is an interim management plan for the Renner Lake 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 have used this allotment since at least 1945. Sheep used it prior to then. 30 head of Mel Lakin's cattle were transferred from this allotment to the Bulldog allotment in 1962. Since then, Lawrence Moore has been the only permittee.

His 1962 permit was for 10 temporary, 5/21 - 9/30 (47 AUM). Since then, it has increased to the present 20 term, 31 temporary yearlings, 6/1 - 9/30 (204 AUM).

Assuming Mel Lakin's 30 head were permitted from 5/21 - 9/31 (141 AUMs), the increase on the allotment since 1962 has been around 16 AUMs.

Since 1964, there have been recorded instances of horse trespass, and early cattle use. Notes have been made on the lack of distribution. In 1974 there were problems with improperly branded stock and horse trespass.

Most of these items have been discussed with the permittee. The horse trespass is documented and impoundment is the next action to be taken.

The 1963 management plan calls for stock movement when proper use is reached in certain areas. This was based on a 20 head permit and it is doubtful if there was any follow up.

#### PRESENT MANAGEMENT

The allotment is grazed season long with little, if any, management. It is generally broken into two grazing areas and deferment may be possible by riding. The attached map shows these two areas.

Efforts should be made to alternate late use on these areas. Key areas should be located, follow up studies taken, allowing 50% use on desirable forage, and adjustments made as warranted. General key areas are shown on the attached map. More refinement of key areas is needed.

#### ALLOTMENT CAPACITY

The 1963 management plan notes condition is good, trends static, and capacity is estimated at 256 AUMs from a 1940 grazing survey. Recommended stocking was 187 AUM.

Assuming 3000 grazable acres, 200#/acre desirable forage, 1000#/AUM, and a 65% use level, the allotment capacity is 385 AUM.

This was figured for a possible pasture system involving combining Boyds, Nancy, and Renner Lake allotments into one herd. It was figured very rough but gives some indication of capacity.

This is explained more under Planned Course of Action.

#### POSSIBLE MANAGEMENT

1. Priority will be given to trying to combine the Nancy, Boyds and Renner Lake allotments. This proposal is not favored by the permittees and is included in this plan for information only.
2. Stock might be moved periodically, and rotated to different geographic areas by herding with no fences, as outlined previously.

There would probably be drift across the head of Mattson Creek onto the Boyds allotment and fencing might be needed there.

3. It may be possible to pasture the allotment with fences. This idea hasn't been developed, though.

## PROBLEMS AND MANAGEMENT CONSIDERATIONS

1. Lack of observation and studies.
2. Lack of REA and mapping.
3. Possible open boundary between Forest and permittee lands.
4. Apparent poor distribution. Specifically, good feed areas in Section 35, T38N, R36E, received very little use in 1974. Past documentation refers to lack of distribution.
5. Renner Lake is a relatively popular recreation area and is not fenced out. Cattle make some use in undeveloped campground sites.
6. The permittee may lease land in Section 24, T38N, R36E, from Boise Cascade. He doesn't have a private land permit and there isn't any boundary fence.

PLANNED COURSE OF ACTION

Try to combine the Nancy Creek, Boyds and Renner Lake allotments. Since the permittees don't favor this idea it is listed for information only.

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 (Private land not Included)

Nancy Creek

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
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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 than 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 and 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 1963 management plan lists no existing improvements, but lists two water developments and one or two miles of boundary fence as planned for 1963 and 1964.


District maps show 3 troughs as existing. The Moore spring and Willow spring troughs were visited in 1974. Moore & Willow springs are both metal troughs with protective fencing. Both are in good condition. The location of the Renner spring trough hasn't been confirmed.

#### STUDIES & TRANSECTS

There are no studies or transects. Allowable use will be set at 50% use of desirable forage. Utilization studies should be taken on a selected key areas for a three year period. At the end of this period, adjustments should be made so that use does not exceed 50% on any key area.

A higher use level (65%) would be allowed under the allotment combination program.

**Allotment Map  
Renner Lake  
Allotment  
1-3-75**

 General Key Areas

