

INTERIM ALLOTMENT MANAGEMENT PLAN

BOYDS C&H ALLOTMENT

KETTLE FALLS RANGER DISTRICT

COLVILLE NATIONAL FOREST

Wayne Wood
PREPARED BY

2/3/75
DATE

/s/ Lewis Delp
PERMITTEE REVIEW

2/3/75
DATE

/s/ Gordon Anderson
PERMITTEE REVIEW

2/3/75
DATE

/s/ William Delp
PERMITTEE REVIEW

2/3/75
DATE

/s/ Laurenna Moore
PERMITTEE REVIEW

2/3/75
DATE

Larry Smith, Dist Rgr.
APPROVED BY

2/19/75
DATE

INTRODUCTION

This is an interim management plan for the Boyds C&H 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

The Boyds allotment originally took in the Nancy Creek, Renner Lake, and present Boyds allotments. Nancy Creek was separated out in 1959, Renner Lake around 1961.

Both cattle and sheep used various portions until around 1945 when sheep use stopped.

This has been kind of a "backyard" allotment and permittees and use levels have varied over the years. In 1959, 119 head were permitted, 5/21 - 10/31 (678 AUMs), on the present area which is now permitted 96 head, 6/1 - 10/31 (480 AUMs).

In 1974 it was decided to hold the present permit level until a thorough range analysis and adequate management system had been implemented.

Lewis Delp holds a private land permit for 12 head, 6/1 - 10/31.

PRESENT MANAGEMENT

The allotment is grazed season long and apparently has always been. Some distribution through salting and riding is done, but probably nothing significant. There are no recorded observations or utilization studies.

Known "key areas" are generally shown on the attached allotment map. Key areas need refined and regular utilization studies taken. Allowable use under season long grazing will be set at 50% of desirable forage.

ALLOTMENT CAPACITY

The grazing capacity in the 1959 management plan is put at 125 head for 662 AUMs, and stocking is recommended at 121 head for 641 AUMs. These estimates are based on past actual use.

Assuming 3250 grazable acres, 200#/acre air dry desirable forage, 1000#/AUM, and a 65% use level, we get 420 AUMs capacity.

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 may be more realistic than the 662 AUM estimate.

This is explained further under Planned Course of Action.

POSSIBLE MANAGEMENT

1. This allotment is accessible in all parts by livestock. In addition, there is broken Forest Service/Private Ownership in it. It seems unlikely the permittees or the Forest Service would be willing to invest the money needed to construct the fences necessary for a pasture system (on a priority basis).
2. Season long use has been shown to be unacceptable in most places and this probably is the case here.
3. Thought was given to combining the Boyds, Nancy Creek, and Renner Lake allotments into one, and running the cattle in one herd. This idea wasn't favored by the permittees. It is included in this plan for information only.

PROBLEMS AND MANAGEMENT CONSIDERATIONS

1. There is more temporary AUMs than term on this allotment.
2. There is no REA or current maps.
3. There is interior private land which may or may not be fenced.
4. There is probably deer winter range/cattle conflict along the lower portions.
5. There are isolated portions of Forest Service land separate from the bulk of the allotment, surrounded by private land.
6. Davis Lake is a popular recreation development and is not fenced out. *Never have seen cattle in there however,*
7. There is some deer winter range north of the Deadman Creek road in the SE $\frac{1}{4}$, Section 18, T37N, R36E. It is a relatively small area (less than 100 acres) but appears to be in bad condition due to livestock use.

This use may be from private lands to the east but Boyds cattle should be excluded if they do in fact use the area. The land owner to the east (J.C.Carsen) was advised and this area taken out of his allotment (Nancy Creek).

The isolated Forest land in Sections 14 and 15 is deer winter range and receives light cattle use. At present the level is acceptable but it shouldn't be increased.

*Probably AM
cattle use in
lower portion
of private land*

PLANNED COURSE OF ACTION

Try to combine the Nancy Creek, Boyds and Renner Lake Allotments.
 Since this idea wasn't endorsed by the permittees, it is included
 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>
Boys:	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
½ 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

Boys

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 Creek, 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, 8/15 - 10/31 480 AUM	77 Head, 6/1 - 10/31 385
6	REPEAT SAME SCHEDULE		
7	107 Head, 8/15 - 10/31	96 Head, 6/1 - 10/31 480 AUM	107 Head, 6/1 - 8/16 268 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 the 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 last management plan lists two water developments as existing and 5½ miles of Forest boundary fence. Little is known about these improvements. The most current allotment map shows six water developments (attached). An improvement survey is needed.

STUDIES & TRANSECTS

Two Parker 3-Step transects were installed in 1958 and read again in 1964. These should be maintained and reread.

If the allotment continues under season long grazing, regular utilization studies should be taken on selected key areas for a three year period. At the end of that time, stocking and/or distribution should be adjusted to where use doesn't exceed 50% of desirable forage on any key area.