ALLOTMENT MANAGEMENT PLAN

BANGS MOUNTAIN ALLOTMENT

KETTLE FALLS RANGER DISTRICT

COLVILLE NATIONAL FOREST

PLAN PREPARED BY Diane Lee Besand DATE 5 May 1982
Range Conservationist

PLAN ACCEPTED BY Howard A. Hewitt DATE 5-26-82
Permittee

PLAN RECOMMENDED BY Larry Smith DATE 5/27/82
District Ranger

PLAN APPROVED BY William D. Sheuh DATE 8/24/82
Forest Supervisor

I. OBJECTIVES

The following management objectives have been identified for the BANGS MOUNTAIN ALLOTMENT:

a. Provide protection of the Vista Loop.

b. Maintain the present vegetative and soil condition and trend.

c. Provide additional carrying capacity with improved management.

II. ACTION

The following describes the management program necessary to meet the requirements as described in the preferred alternative.

a. Permitted Use and Grazing Capacity

88 cow/calf pairs (396 AUMs) will graze the BANGS MOUNTAIN ALLOTMENT from 6/1 - 10/15. Based on a recent Production/Utilization Survey, with improved management, the allotment could carry 109 cow/calf pairs (491 AUMs). A breakdown by pastures follows:

Homestead Pasture	220 AUMs
Bangs Mountain Pasture	90 AUMs
Lake Ellen Pasture	100 AUMs
Yake Mountain Pasture	81 AUMs
	491 AUMs or 109 head

With improved management and subsequent Production/Utilization Surveys to provide verification of capacity estimates, increases may be granted.

b. Management System

The alternative selected in the environmental assessment was to continue the present MODIFIED REST grazing system. This system provides complete rest from grazing for each pasture, once every four years. This may be shown graphically:

	1982 1986			1983 1987		
	SEASON	ANIMAL UNITS	AUMs	SEASON	ANIMAL UNITS	AUMs
Homestead	6/1 - 10/15	48	216	REST		
Bangs Mountain	REST			6/1 - 10/15	30	135
Lake Ellen	6/1 - 10/15	22	99	6/1 - 10/15	35	158
Yake Mountain	6/1 - 10/15	18	81	6/1 - 10/15	23	104
	1984 1988			1985 1989		
Homestead	6/1 - 10/15	46	207	6/1 - 10/15	48	216
Bangs Mountain	6/1 - 10/15	20	90	6/1 - 10/15	22	99
Lake Ellen	6/1 - 10/15	22	99	REST		
Yake Mountain	REST			6/1 - 10/15	18	81

REPEAT CYCLE

The above stocking rates and schedule are suggested as a foundation to begin with. They are meant to be flexible and should be changed when necessary to reflect the results of allotment inspections and production utilization surveys.

c. Livestock Management

1. Salt - Salting should be done by the "drop salting" method. Posted salt grounds should not be used. Salt should be placed away from areas of concentrated use and moved to "fresh feed" as proper use is approached adjacent to a salt ground. Salt should be used to the extent possible to achieve good livestock distribution. Salt should be distributed with a unit prior to moving stock in and picked up before moving them out. Salt should not be placed within 1000 feet of any water source, or on or adjacent to roads, unless for a specific management purpose such as to increase utilization in the area or to aid in gathering livestock at the end of the

grazing season. Avoid placing salt directly on the ground, by placing it on stumps, rocks, downed trees or portable salt boxes.

Salt is not to be placed in an area that was used for a salt ground the previous season. It can be placed in the general vicinity, but it should not be placed in previous years concentrated use area.

2. Movement and Distribution - The permittee should without direction, insure that livestock are moved when utilization has reached prescribed levels. Livestock should be distributed over the pastures in small bunches. As proper use is approached in any one area, the permittee should, without direction, move the livestock to unused areas.

d. Range Improvements

1. Proposed Range Improvements

(a) Fences - At present there are no plans for additional fencing on BANGS MOUNTAIN ALLOTMENT.

(b) Spring developments - Springs will be developed in areas of little or no use to lure animals into those areas, and to improve livestock distribution. Spring developments will be built to Forest Service specifications. Proposed springs will be developed as they are located and identified as needed.

(1) An unnamed spring in the SE¼SE¼ Section 1, T.35N, R.36E., will be looked at this summer as a possible development. This spring could encourage use of the

hillside to the NW of the Vista Loop and take some pressure off the Loop itself.

(2) An unnamed spring in the SW¼SE¼ Section 1, T.35N., R.36E., will also be looked at as a possible development.

2. Existing Range Improvements

(a) See allotment map and enclosed form (R6-2200-107) for existing and proposed range improvements.

(b) Spring developments that are no longer up to standards will be reconstructed.

3. Maintenance Program

Maintenance of range improvements is the responsibility of the permittee. Regular light maintenance will keep the improvement in good condition and working order throughout its expected life. Heavy maintenance is necessary every five to ten years. The Forest Service will cooperate in the reconstruction of improvements when normal maintenance will no longer keep the improvement functioning or if an improvement is destroyed as a result of a natural disaster.

e. Special Provisions and Requirements

A primary objective of this management plan is protection of the Vista Loop. Every effort will be made to protect the Vista Loop without fencing, but should other methods fail, the Loop would be fenced away from livestock.

Noxious Weed Control - Knapweed is a problem on the Bangs Mountain Auto Tour Road. As funds become available, this area will be sprayed with Tordon 22k (Picloram) to control the knapweed.

III. MONITORING

a. Range Readiness

Livestock should not be turned onto the allotment until after range readiness. Criteria for range readiness is as follows:

1. Vegetation

Bluebunch Wheatgrass - leaf length 6"

Pinegrass - leaf length 4"

Kentucky bluegrass - boot stage

2. Soils

Soils should be dry and firm enough to withstand compaction from trampling.

b. Production/Utilization

Production/Utilization surveys will be completed to verify carrying capacity estimates.

c. Allotment Inspections

Allotment inspections will be completed periodically or as needed.

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Forest Service

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Range Improvement Summary
Existing - ~~Proposed~~
(Strike out one)

Imp. No.	Improvement Name	Location	Units	Kind of Construction	year Comp.	Construction Maintenance Responsibility	Remarks
216	Bangs Mountain Fence	Section 1, 12, T35N,R36E	2 Miles	Wire and Wood Post	1973	Permittee	
217	YAKE Mountain Fence	Section 12, 13 T35N,R36E	2½ Miles	Wire & Steel Post	1975	Permittee	
218	Bangs Mountain Drift Fence	SE¼, Sec. 2 T35N,R36E	¼ Mile	Wire & Steel Post	1974	Permittee	Allotment Boundary
219	Martin Creek Boundary Fence	SW¼, Sec. 7 T35N,R36E	½ Mile	Wire & Wood Post	1979	Permitee	YACC constructed Allotment Boundary
220	Lake Ellen	Sec. 23, 26 T35N,R36E	1½ Miles	Wire & Wooden Post	1966	Permittee	
	Bangs Mountain Cattle Guard	*NW¼, SW¼, Sec. 12 T35N, R36E*	*1*	*7½' x 14' H-20*		*U.S.F.S.*	

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(Strike out one)

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211	Michael Water Development	SW¼, Sec. 7 T35N,R37E	EA.	Metal Trough	1974	Permittee	
212	Rattle Snake Water Development	NW¼, Sec. 12 T35N,R36E	EA.	Metal Trough	1970	Permittee	
213	Donaldson Water Development	NE¼, Sec. 12 T35N,R36E	EA.	Metal Trough	1970	Permittee	
214	Bangs Mountain Water Development	SW¼, Sec. 1 T35N,R36E	EA.	Metal Trough	1970	Permittee	
215	Fire Water Development	NW¼, Sec. 12 T35N,R36E	EA.	Metal Trough	1979	Permittee	Constructed by Forest Service
	Kowitz Water Development	*SE¼NE¼, Sec. 12 T35N,R36E*	*EA*	*Metal Trough*	*1982*	*Permittee*	
	Pond	*NW¼SW¼, Sec. 1 T35N,R36E*	*EA*	*Earthen Tank*		*Permittee*	
	Pond	*NE¼SW¼, Sec. 1 T35N,R36E*	*EA*	*Earthen Tank*		*Permittee*	
	Pond	*NW¼SE¼, Sec. 14 T35N,R36E*	*EA*	*Earthen Tank*		*Permittee*	
	Pond	*NE¼SE¼, Sec. 14 T35N,R36E*	*EA*	*Earthen Tank*		*Permittee*	
	Pone	*SE¼NE¼, Sec. 23 T35N,R36E*	*EA*	*Earthen Tank*		*Permittee*	

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