

RANGE INVENTORY, ANALYSIS, AND MANAGEMENT PLAN

Project Number _____ Compiler Haslem Date 6/2/65

Allotment 83-1 & 84-26 Unit _____

District Farmington State New Mexico

Name of Permittee Stanley Mc Cabe

Field Examination (Date) _____

Personnel: Name Position

Harlen Smith Range Aid 7/5 & 6/61

Frank E Bingham Range Conservationist 7/5 & 6/61

_____ these two men conducted forage
 _____ inventory which was used
 _____ for present stocking rate

Duane Micheal Range Conservationist 4/27/62
 _____ conducted a range utilization
 _____ check

John Gregg Range Conservationist 5/15/63
 _____ conducted a range utilization
 _____ check

John Curtis Range Aid 5/6/64 conducted
 _____ a range utilization check

Joseph J. Haslem Range Manager 6/2/65

Table 2. Composition, value, use and development of plant species in natural vegetation type or culturally treated area

Type or treated area (name) Mc Cabe Ripping & Seeding

Species	Amount in cover	Forage value				Utilization ave.	Start growth (date)	Development Flow-ering (date)	Seed ripe (date)	Development Leaves -twigs (date)	Regrowth 3/ Flower stalks (date)
		Ex	Gd	Fr	Pr						
Grasses & Grass-like	2/ (percent)	(check one)				(Perc 't)	(date)	(date)	(date)	(date)	(date)
2 lbs Alkali Sacaton } seeding			X								
2 lbs sand dropseed } 700 ac											
Spar	5		X			75	4-1	6-15	6-30		
Hija	10		X			80	4-1	6-15	7-15	7-1 8-15	
Total	15										
Forbs					X						
Cleome	50										
Misc forbs	20				X						
Total	70										
Shrubs and trees <u>1/</u>						60					
Atco	5			X							
Suve	2				X						
Gusa	8				X						
Total	15										
Grand Total											

1/ Including conifers

2/ For trees and shrubs include estimates only for species that can be changed or removed in a range improvement program.

3/ How late in spring can the species be grazed and still produce grazable leaves or twigs or seed-producing flower stalks?

Table 4. Estimated utilization of available forage in natural vegetation types and culturally treated areas and condition of range

Vegetation type or treated area ^{1/}	Use of total tonnage of forage in type (percent)	Range condition				
		Vigor of forage species (L,M,H) ^{2/}	Ratio of good to poor forage species (per-cent) ^{3/}	Density of forage (percent of potential)	Sheet Erosion	
					Depth (Inches)	Extent (Percent of ground area)
Hija	5	M				
Hija	60	M		75		
Spai	55	M		60		
Orby	55	L		50		
Atca	40	M		90		
Atca	85	L		40		
Allotment average	✓	M		70	2	90

1/ List treated areas (reseeded, sprayed, etc.) under appropriate vegetation types.
 2/ L = low, M = moderate, H = high.
 3/ From Table 2 Excellent and good species = good; fair and poor species = poor.

What percent of the livestock forage on the range is used by game? 2

What are the principal foraging game animals? Antelope

State New Mexico
District Albuquerque (Farmington)
Allotment Name McCabe Allotment 83-1, 84-26

Date 4/6/67

STATUS OF REST-ROTATION GRAZING ALLOTMENTS

Supplemental information on each rest-rotation allotment:

1. Is the rest-rotation system in operation? Yes No .
2. Date of start of first grazing season *November 1, 1965.
(Actual date for allotments under management. Planned date for allotments not yet in operation.)
3. Is the form of management in effect or to be applied the same as the one reviewed or suggested by Mr. Hormay?
Yes No . If not, supply the following information:
 - a. Diagram of grazing formula in use or planned.
 - b. Map showing pasture layout.
 - c. Map diagrams showing movement of livestock between pastures for one grazing cycle.

In cases where rest-rotation grazing has been in effect for one year or more, please comment briefly on the prospects, merits or deficiencies of the system. It is a little too early to fully judge the system, but your comments will be helpful in pointing up future grazing training programs.

*During the first grazing season, the system had to be discontinued because of a water shortage in pastures. Continued drought has caused similar problems the past season; however, an attempt is being made to use rotation to the extent of available water.

Encl. 1

RANGE MANAGEMENT PLAN -McCABE ALLOTMENT 83-1 and 84-26

Grazing System: Dependent upon the availability of water on each of the designated pastures as shown on the attached map, the following system of grazing will be followed:

First Year:	December 1 to January 5	- Pasture II	A
	January 6 to March 20	- Pasture III	B
	March 21 to April 15	- Pasture I	C
	April 16 to May 15	- Pastures I and II	} C
Second Year:	December 1 to January 10	- Pasture II	A
	January 11 to February 28	- Pasture I	B
	March 1 to April 30	- Pasture III	C
	May 1 to May 15	- Pasture II and III	} C
Third Year:	December 1 to January 5	- Pasture I	A
	January 6 to February 15	- Pasture II	B
	February 16 to April 30	- Pasture III	C
	May 1 to May 15	- Pasture I	} C

The purpose of this system of grazing is to insure that each pasture is deferred during the spring growing season once every three years and that uniform utilization of forage is obtained from the ranch. This system may be adjusted from time to time depending on distribution of water and forage available.