

DESCRIPTION, INVENTORY AND ANALYSIS OF ALLOTMENT

Class of stock CATTLE Stocking (AUs) 72.2 (AUMs) 866.4
 Season of grazing (Dates) 7-1 to 6-30 Yearling
 Character of topography Mostly rolling hills & valley bottoms, some steeper slopes.

Table 1. Area of natural vegetation types and culturally treated areas grazed by livestock and by game

Vegetation types and culturally treated areas <u>1/</u>	Total area of type		Area grazed by livestock		Area grazed by game	
			At present	30 years from now <u>2/</u>	At present	30 years from now <u>2/</u>
(name)	(acres)	(per-cent)	(acres)	(acres)	(acres)	(acres)
15 - Hija - Boqr - Epne	208	3.46	208	208		
15 - Hija - Gusa - Chry	2107	35.09	2107	2107		
9 - Juos - Hija - Yucc	789	13.14	789	789	789	789
15 - Hija - Epne - Juos	295	4.91	295	295		
15 - Hija - Yucc - Epne	429	7.14	429	429	429	429
9 - Juos - Come - Boqr	225	3.75	225	225	225	225
15 - Aris - Epne - Chry	1011	16.84	1011	1011		
9 - Juos - Hija - Boqr	205	3.41	205	205		
5 - Come - Yucc - Boqr	736	12.26	736	736	736	736
Other						
Allotment Total	6005	100	6005	6005	2,179	2,179

1/ List culturally treated areas under appropriate vegetation types.
2/ Under improved management.

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

Type or treated area (name) Is - Hija - YUCC - EpNE

Species	Amount in cover ^{2/} (percent)	Forage value				Utilization ave. (Perc't)	Start growth (date)	Flow-ering (date)	Development Seed ripe (date)	Regrowth Leaves -twigs (date)	3/ Flower stalks (date)
		Ex	Gd	Fr	Pr						
Grasses & Grass-like											
<i>HILARIA JAMESII</i>	83.5		✓			30	5-1	6-1	6-15	7-15	8-15
<i>SPOROBOLUS CRYPTANDRUS</i>	4.0			✓		25	7-15	9-1	9-15	—	—
<i>BOUTELOUA GRACILIS</i>	T	✓					7-15	9-1	9-15	4-15	—
Total	87.5										
Forbs											
<i>CHRYSOTHAMNUS SPP.</i>	2.5				✓	0					
Total	2.5										
Shrubs and trees ^{1/}											
<i>JUNIPERUS OSTEOSPERMA</i>	.5				✓	0					
<i>YUCCA SPP.</i>	4.5			✓		0					
<i>EPHEDRA NEVADENSIS</i>	1.5		✓			25	5-1	6-15	6-30	7-15	—
<i>ATRIPLEX CANESCENS</i>	.5		✓			5	5-1	—	—	7-15	9-15
<i>OPUNTIA SPP.</i>	3.0				✓	0					
Total	10.0										
Grand Total	100.0										

- 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)
1s - Hija - Bogr - EpNE	60	L	85	12.0	.50	100
1s - Hija - Gusa - CHR4	70	L	85	11.1	.50	100
9 - Juos - Hija - YUCC	10	H	80	26.0	.25	100
1s - Hija - EpNE - Juos	55	M	88	13.0	.50	100
1s - Hija - YUCC - EpNE	50	H	90	25.0	.25	100
9 - Juos - Cone - Bogr	25	H	80	15.0	.25	100
1s - ARIS - EpNE - CHR4	100	L	64	7.0	.75	100
9 - Juos - Hija - Bogr	45	M	98	7.0	.25	100
5 - Cone - YUCC - Bogr	80	M	86	23.0	.25	100
Allotment average	55✓		84	15.5	.28	100

1/ List treated areas (reseeded, sprayed, etc.) under appropriate vegetation types.

2/ L = low, M = moderate, H = high.

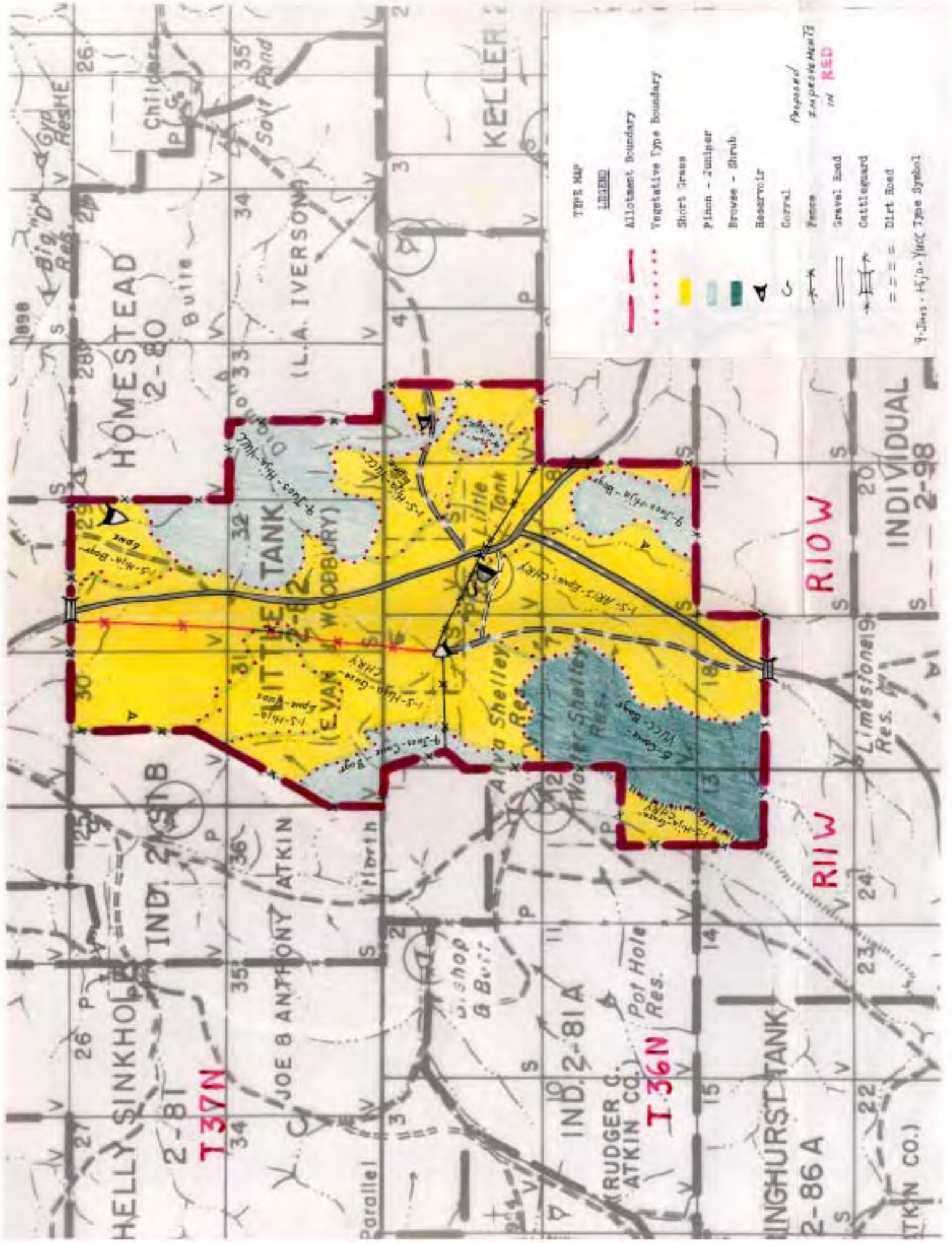
3/ From Table 2 Excellent and good species = good; fair and poor species = poor.

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

What are the principal foraging game animals? DEER

Allotment to be divided into three pastures. Hilaria jamesii
 most important species.

	1		2		3	
1965	Grazed Yearlong	A	Grazed Yearlong	A	Grazed Yearlong	A
1966	Graze YL	A	Graze YL	A	Rest YL	C
1967	Graze YL	A	Rest YL	C	Rest in August Graze rest of Year	B
1968	Rest YL	C	Rest August Graze rest of Year	B	Graze YL	A
1969	Rest August Graze rest of Year	B	Graze YL	A	Rest YL	C
1970	Graze YL	A	Graze YL	AC	Rest in August Graze rest of Year	B



TYPE MAP

LEGEND

- Allotment Boundary
- - - Vegetative Type Boundary
- Short Grass
- Pinon - Juniper
- Browse - shrub
-  Reservoir
-  Corral
-  Fence
-  Gravel Road
-  Cattleguard
-  Dirt Road

Proposed
Improvements
IN RED

9-Das - Hja - Yuc Type Symbol