

GREATERVILLE
ALLOTMENT MANAGEMENT PLAN

Nogales Ranger District
Coronado National Forest
Pima County, Arizona

Prepared by: *Barry L. Imler*
BARRY L. IMLER, Rangeland Management Specialist

Date: 11/3/97

Reviewed by: *J.E. Scartaccini*
ASARCO CORPORATION, Permittee

Date: 11/3/97

Candace W. Allen
Approved by:
CANDACE W. ALLEN, District Ranger

Date: 11/6/97

Allotment Description and Background

The Greaterville grazing allotment contains approximately 4,120 acres of land suitable for livestock grazing within 4,640 acres of National Forest System land and 40 acres of private land along the east side of the Santa Rita Mountains.

The Forest Plan identifies one management area on the allotment.

Management Area 4 emphasis is for a sustained harvest of livestock forage and fuelwood, while maintaining and improving game animal habitat.

Goal:

Manage livestock to obtain sustainable multiple use resource objectives that are compatible with the standards and guidelines in the Forest Plan and the principles of ecosystem management.

Objectives:

Ensure the proper use of water resources.

Ensure compliance with the Endangered Species Act.

Ensure compliance with the National Historic Preservation Act.

Ensure compliance with the Coronado National Forest Land Management Plan.

Improve watershed condition.

Sustainable vegetation conditions.

Grazing Program

The season of use for this allotment is April 1 through August 31. The pastures within this allotment will be managed as part of the DeBaud/Greaterville/Rosemont combined management unit. The actual rotation sequence will be included in each year's annual operating instructions. The following items will be considered during annual operating instruction development:

Maximum utilization levels will be established for each pasture annually, based on management objectives and season of use. Livestock will be removed from a pasture before the maximum utilization level is reached in key areas. The maximum allowable utilization level in key monitoring areas will not exceed 35 percent during the growing season and 45 percent during the dormant season.

Water and/or forage availability may require adjustments in livestock movement patterns.

Salt and supplement blocks will be used to help control livestock movements. Both will be placed away from water and other low areas where livestock tend to congregate. Salt and supplement areas will be moved periodically to help move livestock, to keep utilization levels within desired levels and to limit destabilization of soil structure.

Range Improvements

Routine maintenance of existing improvements will occur.

Monitoring

Key areas will be established and guidelines for use in these areas will be established annually during development of annual operating instructions.

Utilization will initially be monitored by the Permittee and a Forest officer. After both parties believe the Permittee is competent to visually monitor the areas, s/he will be responsible for monitoring and determining livestock movements.

Annual inspections will be completed by a Forest officer to ensure desired management goals and objectives are being attained.

Administrative Decisions

The District Ranger will determine the class of permitted livestock, number of permitted livestock and season of use; based on resource issues, management objectives and the management goal. The District Ranger will review these decisions periodically (annual minimum) and make any adjustments necessary to guarantee consistency with the Coronado Forest Land Management Plan, this allotment management plan or any new legal requirements.

INVENTORY and MAINTENANCE RESPONSIBILITY

Coronado National Forest (05), Nogales Ranger District (02)

Permittee Name : ASARCO Incorporated

Allotment Name : Greaterville

Allotment Number: 238

NAME	KIND	IMP. NO.	UNITS	ASSIGNMENT
Deering Pasture Fence	Fence, ABF	A00011	1.0 mi.	
Apache Springs/ Greaterville	Fence, ABF	RA0024	2.6 mi.	No maintenance responsibility
Box Canyon/Greaterville	Fence, ABF	R00006	2.5 mi.	No maintenance responsibility
Greaterville/Box Canyon	Fence, ABF	OA0006	1.4 mi.	No maintenance responsibility
Box Canyon Water	Spring, Dev	000001		
Deering Spring	Spring, Dev	000002		
Stock Tank	Dam/Reservoir	000003		
Stock Tank	Dam/Reservoir	000004		
Ophir Gulch Water	Dam/Reservoir	000005		
Rosemont/Greaterville	Fence, ABF	000007	2.0 mi.	
Private/Greaterville	Fence, ABF	000008	3.6 mi.	
Mine Pasture Fence	Fence, AI	000009	1.2 mi.	
Horizontal Well	Well, Unequ	000009		
North 1 Tank	Dam/Reservoir	000010		
Heifer Pasture Fence	Fence, AI	000010	1.0 mi.	
Deering Pasture Fence	Fence, AI	000011	1.0 mi.	
Hill Pasture Fence	Fence, AI	000012	0.7 mi.	
Greaterville Pasture Fence	Fence, AI	000013	2.0 mi.	
Enzenberg Well	Well/Windmill	000014	94	

Permittee accepts responsibility for all improvements except as shown.

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NAME	KIND	IMP. NO.	UNITS	ASSIGNMENT
Enzenberg Well Water Storage	Storage, Water	000015		
Thurber/Greaterville	Fence, ABF	000016	1.4 mi.	
Deering Spring Pipeline	Pipeline, W	000017	0.6 mi.	
Enzenberg Water	Spring, Dev	000018		
Bowman Spring	Spring, Dev	000019		
Mountain Horizontal Well	Well, Unequ	000020		
Greaterville Stock Tank	Dam/Reservoir	000021		
Lower Deering Trough	Storage, Water	000022		
Upper Deering Trough	Storage, Water	000023		
Central Tank	Dam/Reservoir	000024		
Empire Well	Well/Windmill	000025		
Empire Tank	Dam/Reservoir	000026		
Empire Pipeline	Pipeline, W	000027	0.6 mi.	
Mine Water Spring	Spring, Dev	000028		
South Water Tank	Dam/Reservoir	000029		
Lowenzenberg Tank	Dam/Reservoir	000030		
Lower Ophir Tank	Dam/Reservoir	000031		
Hiefer Tank	Dam/Reservoir			