

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

BONEYARD ALLOTMENT**Page 6 of 13**

Permittee Number

970231010602

Permit Number

01049A**BASE PROPERTY**

Base Property is land owned and used by the permittee for a farm or ranch operation and cannot be leased to another entity. Base property shall include basic livestock management facilities. The permittee will immediately notify the Forest Officer in charge of any change in control of base property. The following land parcel is recognized as base property for the permit (ref. Apache County Assessor, 2006):N

Apache County Parcel	Acreage	Legal Location (MDM)	Property Assessed to:
Parcel #: 102-40-004B	10 acres	SE¼, NW¼, NW¼ of Sec. 22 T7N R30E G&SRB&M	Jason L. Hooper

BONEYARD ALLOTMENT MANAGEMENT PLAN

The Boneyard Allotment is permitted 87 head of cattle (cow/calf) from July 15th to October 15th annually. The cattle will graze in a four-pasture deferred grazing system. The Boneyard, Grassy Hollow and Middle Pastures will be grazed from July 15th to September 20th and the Nutrioso Winter Pasture from September 21 to October 15, each year.

Allowable Use: Allowable use is based on the amount and kind of forage on the allotment, plant needs and range condition and trend. Duration, frequency, and timing may be manipulated within the grazing schedule. Maximum allowable forage use by vegetation type is:

- Riparian Area - 25% on grass and shrubs
- Dry Meadow Areas - 25 % on grass and shrubs
- All Other Areas - 25% during plant growth period
- All Other Areas - 25% during dormant periods

No livestock grazing in the Duck Trap above and adjacent to Sierra Blanca Lake. Livestock may water along the east and west end of Sierra Blanca Lake. Gathering traps will only be used by livestock to facilitate scheduled pasture moves.

If utilization standards are met or exceeded prior to the end of a pasture use period, livestock will be required to be moved to the next scheduled pasture or removed from the Forest. Grazing utilization measurements to determine utilization levels will be conducted prior to livestock entering a scheduled pasture and at mid-point or sooner date. If utilization standards are met or exceeded in key areas prior to cattle entering a scheduled pasture, livestock grazing will be deferred.

The location of key livestock areas may change annually depending on precipitation, on-the-ground livestock management intensity, water availability and timing of grazing use. Key areas

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

BONEYARD ALLOTMENT**Page 7 of 13**

Permittee Number

970231010602

Permit Number

01049A

are defined as: "a portion of range, which because of its location, grazing or browsing value, and/or use, serves as an indicative sample of range conditions, trend, or degree of use seasonally. A key area guides the general management of the entire area of which it is part". (Society for Range Management [SRM] 1974) and USFS Region Tree Rangeland and Management Training Guide, dated June 1997).

Grazing utilization measurements will be recorded on key forage plants in key grazing areas. A key forage plant is defined as "(1) forage species (plants) whose use serves as an indicator to the degree of use of associated species" and (2) those species (plants) which must, because of their importance, be considered in the management program" (SRM 1974).

Recommended Best Management Practices for livestock grazing are:

- Diligent herd riding to locate livestock to areas where actual use is less than the utilization standard.
- Salt blocks, mineral concentrates or other supplements will be strategically placed to help distribute livestock away from water sources, improvements, riparian areas, high use recreation sites and trails, and roads. Actual placement will be at least ¼ mile from riparian areas or live water, unless otherwise approved by the Forest Officer in charge. Supplements are a tool to enhance overall livestock distribution and utilization patterns.
- Frequent riding of fence-lines to ensure gates remain closed and fences remain serviceable.
- Permittees are encouraged to have off-Forest rangeland to use in the event drought and/or excess forage utilization necessitates early livestock removal. When these conditions occur, the District Ranger, with input from the permittee, will make the determination if livestock removal is required for resource protection. Supplemental feeding of livestock, other than salt or mineral block, is not permitted on National Forest system lands.
- The option to return to a pasture that has adequate plant re-growth will be considered if all resource objectives can be met.

ADDITIONAL CONSERVATION PRACTICES

- ☞ *Protection of cultural resources.* Impacts to significant cultural resource sites are avoided – or – appropriate mitigations are made where impacts are unavoidable.
- ☞ *Best management practices for soils and watersheds.* Best Management Practices (BMP) will be implemented to meet soil and water quality issues. If an area with significant erosion is identified, grazing management may be adapted to enhance stabilization of the site. The permittee will insure that livestock do not congregate in riparian areas when soils are saturated.
- ☞ *Ground Disturbing Activity.* The Permittee will obtain written permission from the Forest Officer in charge of the allotment prior to implementing any ground disturbing activity.

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) BONEYARD ALLOTMENT	Page 8 of 13
	Permittee Number 970231010602
	Permit Number 01049A

- Drought Guidelines. Stocking during and after drought will be adjusted in compliance with FSH 2209.13, Chapter 10, 19.1.
- The permittee will take action to ensure proper livestock distribution occurs and that forage use levels are not exceeded. If forage use continues above the desired use level, adjustments in the AOI, or other management actions may be necessary.

Range Improvements

Range Improvement Maintenance Standards. All assigned range improvements will be maintained by the permittee. When the annual grazing application is approved, in whole or in part, livestock will not be placed on an allotment or move into pastures if permit requirements concerning range improvement maintenance are not met. Proper maintenance of the range improvements will ensure that the condition of improvements is adequate to hold livestock in a pasture and will extend the useful life of the improvements. Forest officers periodically will inspect assigned improvements for compliance with maintenance standards prior to livestock entry or movement dates.

A permit modification will be prepared for approved range improvement projects each year. Permittees will sign a permit modification form for the project and will sign for materials furnished by the Forest. Range improvements not specifically listed in the improvement program schedule and all ground disturbing activities will not be initiated by the permittee until proper clearances have been approved. Normal maintenance of improvements does not require approval.

- A. Fences: Many existing fences are very old and in need of major reconstruction. The permittee will identify these fences for the District Ranger. All fences in need of reconstruction will be inventoried and prioritized by the district for reconstruction. The following will be implemented to ensure fence maintenance objectives are met:
 1. All allotment boundary fences are to be maintained to standard prior to livestock entering National Forest lands. Livestock will not be permitted to enter the Forest until fences have been properly maintained to ensure fences are adequate to hold the livestock.
 2. Each permittee is responsible for the maintenance of all or a portion of his allotment boundary fences.
 3. Pasture fences will be maintained before moving livestock to a new pasture.
 4. Old wire and steel fence posts will be removed from the Forest.
 5. Broken wire will be spliced with good quality double strand, 12 gauge barbed or smooth wire.
 6. Wire spacing. The top wire height will not exceed 42". The bottom wire will be smooth wire and will be at least 16" from the ground.
 7. Wire will not be over tightened and will be stretched to remove slack.

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

BONEYARD ALLOTMENT**Page 9 of 13**

Permittee Number

970231010602

Permit Number

01049A

8. Broken posts or rotten wood posts will be replaced with a steel post or a juniper or treated wood post greater than 5" diameter.
9. Brace posts will be maintained in tight and serviceable condition.
10. Steel posts which have settled may need to be jacked up and possibly moved. Leaning steel posts will be straightened.
11. Gates will be maintained so they can be opened easily. Gate sticks will be 2-3" diameter. Use smooth wire for gate loops.
12. At least 90% of fence stays will be sound. Replacement stays will be of good quality wood 1-1/2" by 3" diameter. The bottom of each stay will rest on the ground. Galvanized stay wire will be used for tying stays.
13. Missing staples and fence clips will be replaced.
14. All trees which have fallen across the fence line will be cut and removed from the fence right-of-way.

B. Water: Stock water is important for proper livestock distribution. Water must be used to demonstrate beneficial use and is necessary to maintain water rights. If natural water is not available, the permittee will be asked to haul water to properly use forage on the allotment. The following will be done:

1. Springs:

- a. Fences to protect springs will be maintained to standard.
- b. Collection boxes and inlet pipes will be clean of sediment and debris.
- c. Unserviceable pipe will be repaired or replaced. Material not usable will be removed from the Forest.
- d. Troughs that leak will be repaired. Troughs should be level. Overflow pipes should be placed to avoid creating a boggy area at the trough.
- e. Float valves will be cleaned and set to prevent overflow.

2. Stock Tanks:

- a. Check stock tanks for seepage.
- b. Spillways will be flat and will have a minimum height of three feet and width of ten feet. They will be free of debris and obstructions. Eroded portions will be repaired.
- c. Tanks will be cleaned to their original capacity. Special care will be taken during cleaning to prevent future water loss. The work will be coordinated with the District Ranger.

TERM GRAZING PERMIT - PART 3
(Reference FSM 2230)

BONEYARD ALLOTMENT

Page 10 of 13

Permittee Number

970231010602

Permit Number

01049A

BONEYARD ALLOTMENT RANGE IMPROVEMENTS

INFRA NUMBER NAME	RESPONSIBILITY
ALLOTMENT BOUNDARY FENCES	
1068 Boneyard/North Escudilla – 2 mi.	Boneyard Permittee
1070 FS Sawbuck/Boneyard – 1.75 mi.	Forest Service
1070A Boneyard/Private – 1.75 mi.	Private Land
1070B Boneyard/Private ABF North - .25 mi.	Private Land
1107 NW Highway Fence – 1.2 m.	Arizona Dept. of Transportation
1108 Sierra Blanca/Private Land ABF - .8 mi.	Private Land
1166 Boneyard/Nutrioso Summer – 2.5 mi.	Nutrioso Summer Permittee
1260 Boneyard/Coyote-Whitmer – 1.8 mi.	Boneyard Permittee
1269 UCB/Boneyard – 1.5 mi.	Boneyard Permittee
1270 Williams Valley-Addition/Boneyard – 1.7 mi.	Williams Valley Permittee
1270A Boneyard/Black River – 1.8 mi	Boneyard Permittee
1538 North Escudilla NW Fence - .3 mi.	North Escudilla Permittee
1539 NW North Boundary Fence - .2 mi.	Pasture not used
1659 Boneyard/Coyote-Whitmer – 1 mi.	Boneyard Permittee
1659A Coyote-Whitmer/Boneyard - .75 mi.	Coyote-Whitmer Permittee
1659B Williams Valley/Boneyard - .25 mi.	Williams Valley Permittee
118003 Boneyard Bog Exlosure - .75 mi.	Forest Service
210001 South Escudilla/Boneyard - .5 mi.	South Escudilla Permittee
210001 Boneyard/South Escudilla - .75 mi.	Boneyard Permittee

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

BONEYARD ALLOTMENT**Page 11 of 13**

Permittee Number

970231010602

Permit Number

01049A

ALLOTMENT INTERIOR FENCES	
1263 Middle/Grassy Hollow – 1.5 mi.	Boneyard Permittee
1505 Rogers Hold Pasture Fence - .6 mi.	Boneyard permittee
1516 Grassy Hollow Holding Pasture - .8 mi.	Boneyard Permittee
1593 Boneyard/Middle AIF – 2 mi.	Boneyard Permittee
118001A Coyote Creek Exclosure North Fence – 1.5 mi.	Boneyard Permittee
118001B Coyote Creek Exclosure South Fence – 1.5 mi.	Boneyard Permittee
118002 Duck Trap/Sierra Blanca Exclosure – 1 mi.	Forest Service
LIVESTOCK HANDLING FACILITIES	
1268 Grassy Hollow Corral	Boneyard Permittee
1506 Rogers Corral	Boneyard Permittee
1649 SBU Shipping Corral	Boneyard Permittee
WATER DEVELOPMENTS	
1071 Robinson Spring	Boneyard Permittee
1262 Fence Stock Tank	Boneyard Permittee
1265 West Side Tank	Boneyard Permittee
1266 South Side Tank	Boneyard Permittee
1267 Fence Line Tank	Boneyard Permittee
1272 Steep Tank	Boneyard Permittee
1273 South Tank	Boneyard Permittee
1274 Corner Tank	Boneyard Permittee
1275 XE Tank	Boneyard Permittee
1553	Boneyard Permittee

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

BONEYARD ALLOTMENT**Page 12 of 13**

Permittee Number

970231010602

Permit Number

01049A

Coyote Tank	
1554 Section 1 Tank	Boneyard Permittee
1555 Section 2 Tank	Boneyard Permittee
1556 SE Tank	Boneyard Permittee
1600 Shane Tank	Boneyard Permittee
1602 Shallow Tank	Boneyard Permittee
1614 Second Chance Tank	Boneyard Permittee
118201 Sawbuck Drinker	Boneyard Permittee

Permittee Review

“I have reviewed the provisions of the term grazing permit, the standards and guidelines, and management required by the Forest Management Plan applicable to the Boneyard Allotment and the Allotment Management Plan with the grazing Permittee.”



 Rangeland Management Specialist



 Date

TERM GRAZING PERMIT - PART 3
(Reference FSM 2230)

BONEYARD ALLOTMENT

Page 13 of 13

Permittee Number

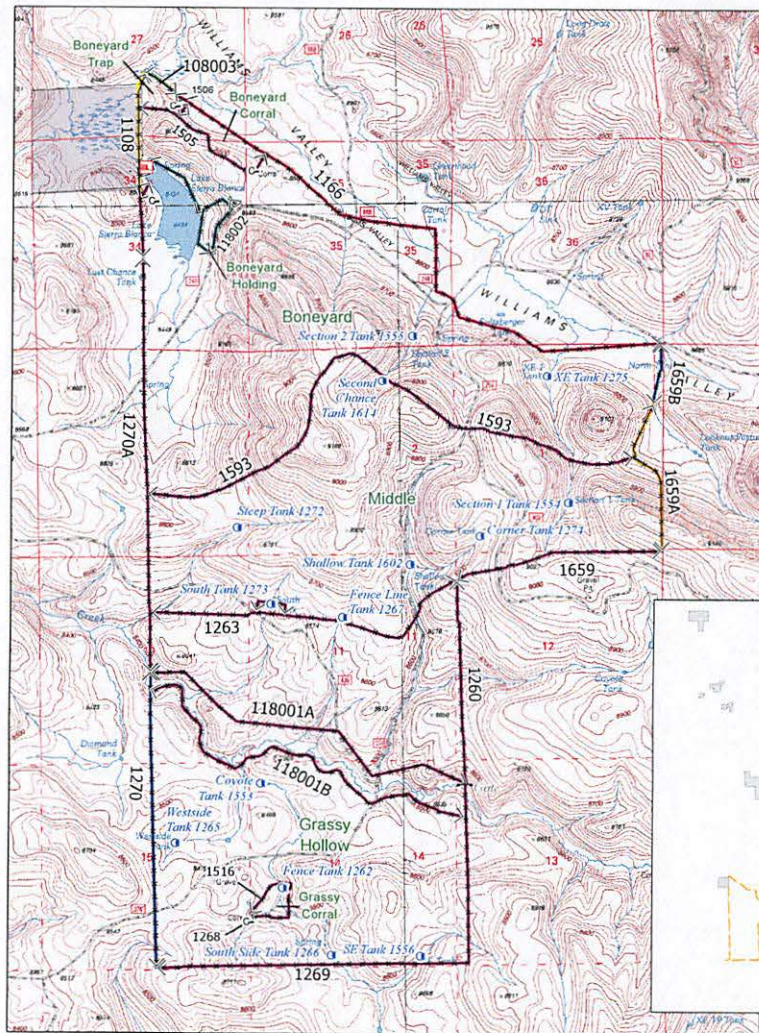
970231010602

Permit Number

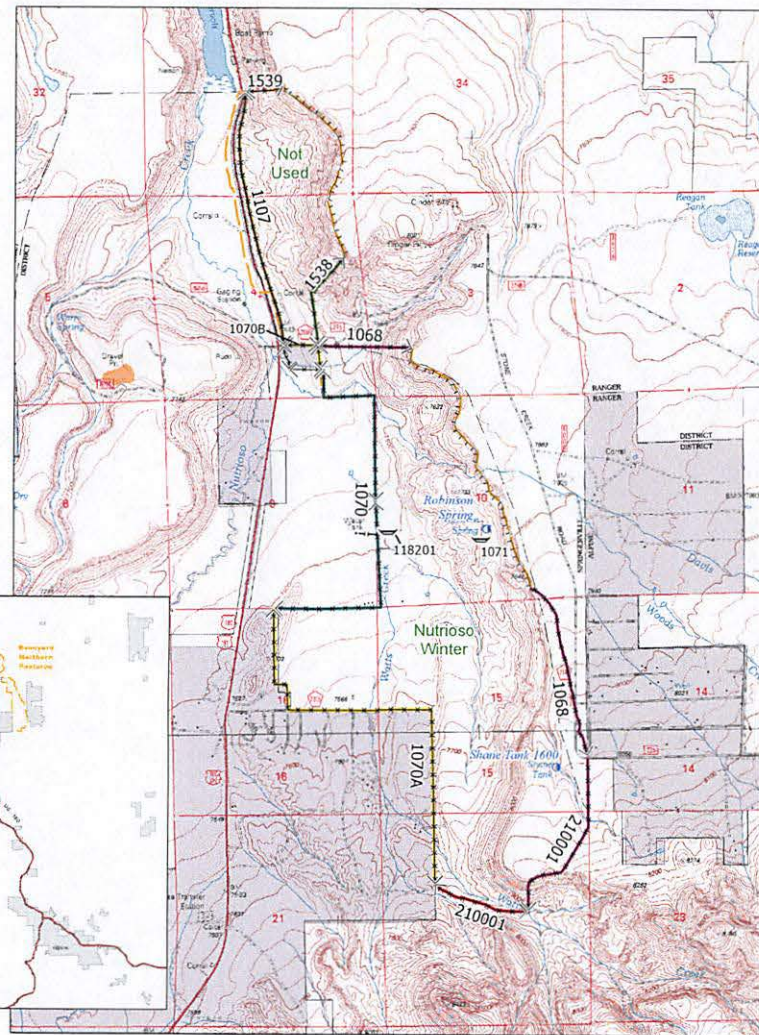
01049A

BONEYARD ALLOTMENT MAP

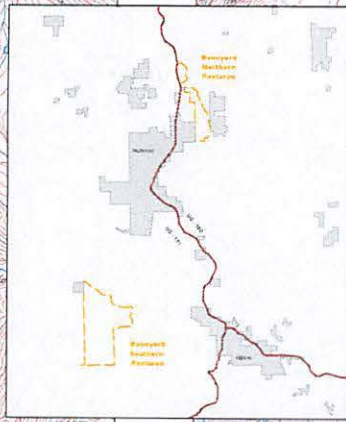
GOES HERE



Boneyard Southern Pastures

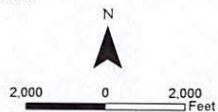


Boneyard Northern Pastures



Apache-Sitgreaves National Forests
Alpine Ranger District
Range Improvement Map
Boneyard Allotment

- Dirt Tank
- Dam
- Water Trough
- Gate
- Corral
- Ditch
- Fence
- Other Owner



- Maintenance Responsibility**
- ADOT Highway Right of Way
 - Boneyard Permittee
 - Coyote-Whitmer Permittee
 - Forest Service
 - Nutrioso Summer Permittee
 - North Escudilla Permittee
 - Private Land
 - South Escudilla Permittee
 - Williams Valley Permittee