

<b>TERM GRAZING PERMIT - PART 3</b> (Reference FSM 2230)  <b>SOUTH ESCUDILLA ALLOTMENT</b>	<b>Page 6 of 12</b>
	Permittee Number <b>1044705010602</b>
	Permit Number <b>01050A</b>

**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:

Acreage	Legal Location	Property Assessed to:
A portion (41.13 acres)	of land located in Section 21, Township 7 North, Range 30 East of the Gila and Salt River Base and Meridian, Apache County, Arizona (see warranty deed for description)	assessed to Brady N. Peters and Jessica G. Peters

**SOUTH ESCUDILLA ALLOTMENT MANAGEMENT PLAN**

Grazing management on the South Escudilla allotment will consist of a two-pasture deferred grazing system with 64 adult cattle, cow/calf, or combination of adult cattle and yearling cattle in the 450-pound weight class equating to 192 AUM's for a period of three months. Permitted season of use for the allotment is July 15 to October 15 each year. Two pastures for deferred annual grazing, North and South pastures. Pasture use periods are approximately two months in the North Pasture for each grazing period and one month in the South pasture for each grazing period with alternating livestock entry dates each year. The Northwest pasture (part of the North pasture) is a limited use pasture and may receive variable livestock use each year. The Northwest pasture may receive three weeks of livestock use once each year either during the July 15 to August 7 use period or the September 23 to October 15 period depending on annual precipitation, forage growth assessments and stock water availability. Stocking associated with the Northwest pasture of the allotment may be 50 adult cattle or less. The 50 adult cattle are part of the 64 permitted livestock numbers. Escudilla Wilderness, Terry Flat and the Escudilla Research Natural Area are excluded from livestock grazing.

**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 is 20-25%. In riparian areas, such as Milk, Hulsey and Paddy Creeks, the standard to reach a high rating is to have no more than 25% of the sprouts/seedlings of woody species heavily hedged.

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 are defined as: "a portion of

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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.

#### ***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.
- *Drought Guidelines.* Stocking during and after drought will be adjusted in compliance with FSH 2209.13, Chapter10, 19.1.

#### ***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

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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.
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 in order to maintain water rights. If natural water is not

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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.

**South Escudilla Allotment Range Improvements**

INFRA NUMBER DESCRIPTION	LOCATION	RESPONSIBILITY
<b>001017</b> Stone Creek/South Escudilla Allotment Boundary Fence (ABF)	T 6 N, R 30 E NE ¼ SE ¼ Sec. 18	Stone Creek Allotment Permittee
<b>001138</b> South Escudilla/Private Land Fence South Escudilla/North Escudilla ABF	T 7 N, R 30 E Sec. 14,23	Private Landowner South Escudilla Allotment Permittee
<b>001139</b> Woods Creek Spring	T 7 N, R 30 E NW ¼ NE ¼ Sec. 25	South Escudilla Allotment Permittee
<b>001141</b> Escudilla Mtn. Tank	T 7 N, R 31 E SE ¼ SW ¼ Sec. 31	South Escudilla Allotment Permittee
<b>001142</b> Tool Box Tank (spring development? Need to check)	T 6 N, R 31 E SE ¼ SW ¼ Sec. 7	South Escudilla Allotment Permittee
<b>001143</b> Profanity Tank	T 6 N, R 31 E NW ¼ NW ¼ Sec. 18	South Escudilla Allotment Permittee
<b>001144</b>	T 6 N, R 31 E	South Escudilla Allotment

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**SOUTH ESCUDILLA ALLOTMENT**

Terry Flat Corral	SW ¼ NW ¼ Sec. 18	Permittee
<b>001146</b> Section 26 Tank	T 7 N, R 30 E NW ¼ NE ¼ Sec. 7	South Escudilla Allotment Permittee
<b>001147</b> West Section 35 Tank	T 7 N, R 30 E SW ¼ NW ¼ Sec. 35	South Escudilla Allotment Permittee
<b>001148</b> East Section 35 Tank	T 7 N, R 30 E NE ¼ NE ¼ Sec. 35	South Escudilla Allotment Permittee
<b>001149</b> Section 1 Tank	T 6 N, R 30 E NW ¼ NW ¼ Sec. 1	South Escudilla Allotment Permittee
<b>210105</b> Hulsey Tank	T 6 N, R 30 E NE ¼ Sec. 10	South Escudilla Allotment Permittee
<b>001151</b> Hulsey Fork Tank	T 6 N, R 30 E SW ¼ SW ¼ Sec. 2	South Escudilla Allotment Permittee
<b>001152</b> Paddy Fork Tank	T 6 N, R 30 E NE ¼ SW ¼ Sec. 12	South Escudilla Allotment Permittee
<b>001153</b> Cracker Jack Tank	T 6 N, R 30 E NW ¼ SE ¼ Sec. 14	South Escudilla Allotment Permittee
<b>210102</b> Road Forks Tank	T 6 N, R 30 E NE ¼ Sec. 15	South Escudilla Allotment Permittee
<b>210101</b> Hulsey Lake Dam	T 6 N, R 30 E SW ¼ Sec. 2	USDA Forest Service AZGFD
<b>210103</b> Tank #103	T 7 N, R 30 E SE ¼ Sec. 35	South Escudilla Allotment Permittee
<b>210104</b> Tank #104	T 7 N, R 30 E SE ¼ Sec. 35	South Escudilla Allotment Permittee
<b>001164A</b> Williams Valley/South Escudilla ABF	T 6 N, R 30 E Sec. 23, 24	South Escudilla Allotment Permittee
<b>210001</b> Boneyard/South Escudilla ABF (2 segments)	T 7 N, R 30 E SE ¼ SE ¼ Sec. 15 & 22	South Escudilla Allotment Permittee (MP 0-0.5) Boneyard Allotment Permittee (MP 0.5-1.25)
<b>210002</b> Milk Trap Fence	T 6 N, R 30 E NE ¼ Sec. 3	South Escudilla Allotment Permittee
<b>001171</b> South Escudilla/Private Land ABF	T 7 N, R 30 E Sec. 21, 22, 28, 29, 32 T 6 N, R 30 E Sec. 4,5,9	Private Landowner
<b>001173</b> South Escudilla Hwy. ROW Fence	T 6 N, R 30 E NE Sec. 22,15,16,9	Arizona Dept. of Transportation
<b>001174</b> Section 15 Private Land Fence (2 segments)	T 6 N, R 30 E Sec. 15	Private Landowner
<b>001177</b> North/South Pasture Allotment Interior Fence(AIF)	T 7 N, R 30 E Sec. 34,35 T 6 N, R 30 E Sec. 1, 2, 12	South Escudilla Allotment Permittee
<b>210003</b>	T 7 N, R 30 E	USDA Forest Service

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Woods Creek Exclosure	SE ¼ Sec. 24	
<b>001226</b> Milk Creek Corral	T 6 N, R 30 E SE ¼ NE ¼ Sec. 3	South Escudilla Allotment Permittee
<b>001734</b> Hulsey Lake, FR8057A, & FR8056A Exclosure fence (3 segments)	T 6 N, R 30 E NE Sec. 10	USDA Forest Service
<b>061072</b> ELC/South Escudilla ABF	T 7 N, R 31 E Sec. 19,30	ELC Allotment 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 South Escudilla allotment and the Allotment Management Plan with the grazing Permittee.”

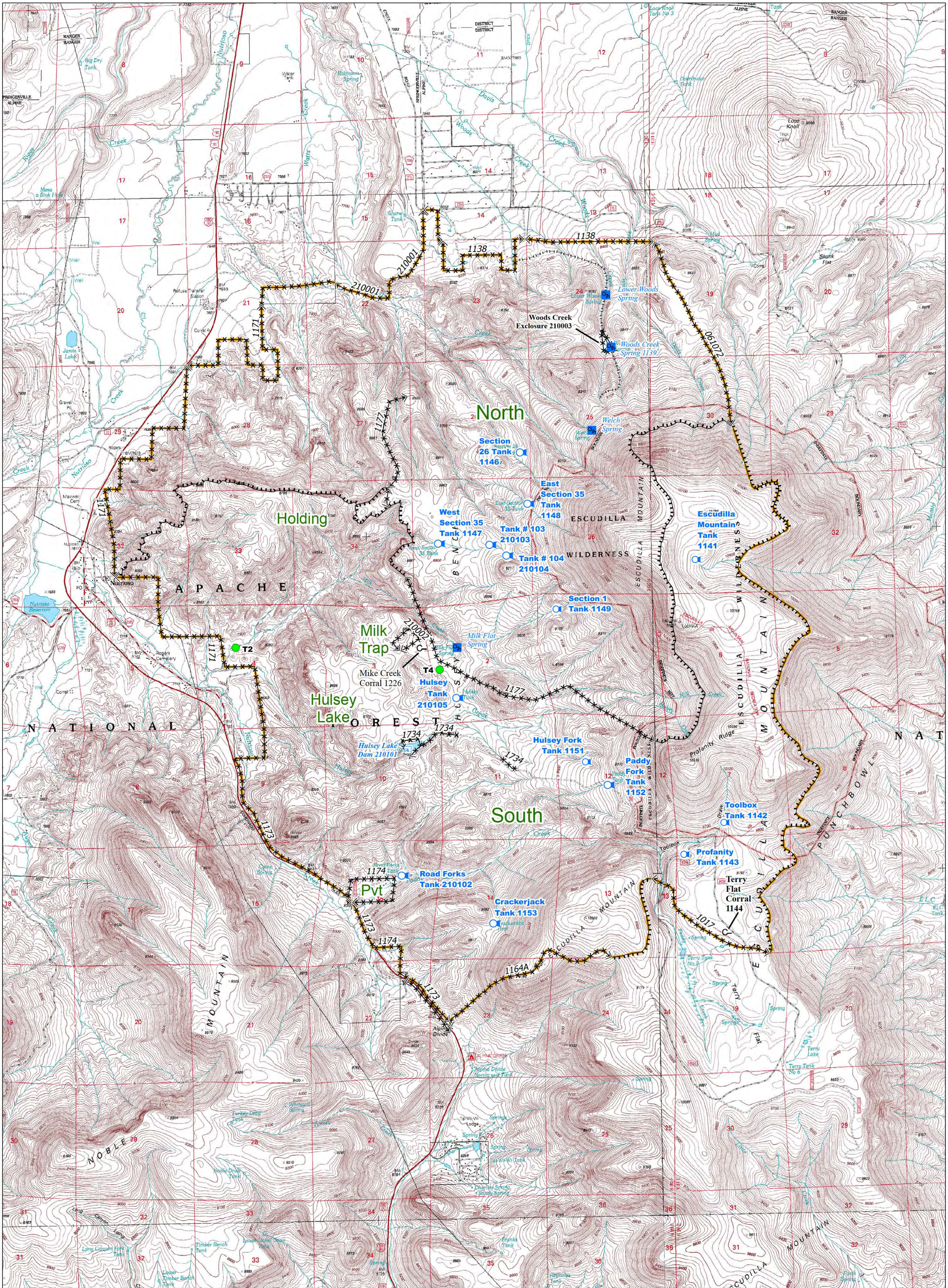
  
 \_\_\_\_\_  
 Rangeland Management Specialist

12/10/24  
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 Date

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SOUTH ESCUDILLA ALLOTMENT MAP

GOES HERE



**Apache-Sitgreaves National Forests**  
**Alpine Ranger District**  
**Range Improvement Map**  
**South Escudilla Allotment**

<ul style="list-style-type: none"> <li> Water Tanks</li> <li> Springs</li> <li> Dam</li> <li> Corral</li> <li> Key Areas</li> <li> Ditch</li> <li> Fence</li> <li> Barrier</li> <li> Allotment</li> </ul>	<p style="text-align: center;"><b>Maintenance Responsibility</b></p> <ul style="list-style-type: none"> <li> ADOT</li> <li> Boneyard Permittee</li> <li> ELC Permittee</li> <li> Private Landowner</li> <li> Forest Service</li> <li> South Escudilla Permittee</li> <li> Stone Creek Permittee</li> </ul>
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 Feet

This map is part of Grazing Permit No. \_\_\_\_\_  
 issued to South Escudilla Permittee on \_\_\_\_\_  
 by \_\_\_\_\_ and shows the  
 South Escudilla Allotment.

Date: 2/4/2015