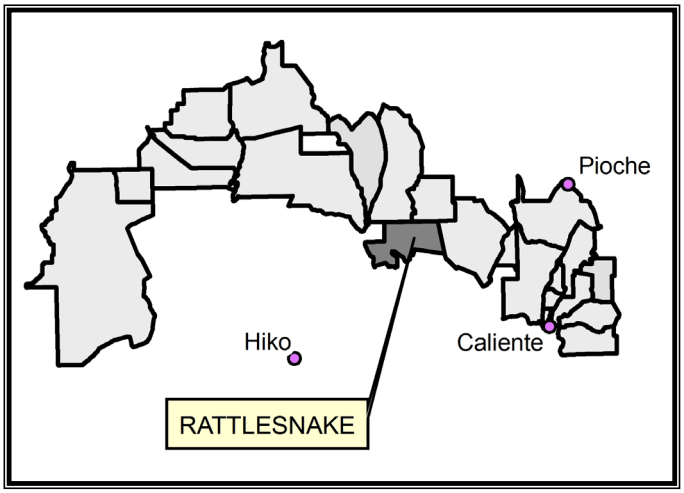
8.0 RATTLESNAKE ALLOTMENT

Permittee: Dean Carter and Sons
Contact: Dean Carter
City/State: Minersville, UT

Base Property: Water



8.1 ALLOTMENT DESCRIPTION

The north end of the Rattlesnake Allotment is located approximately 23 miles west of Panaca. The allotment is approximately eleven miles long east and west and about four to five miles wide north and south. See Table 8-1 and Figure 8.1 for details of the allotment boundary.

Table 8.1: Rattlesnake Allotment Details

ALLOTMENT ACRES		GRAZING PERMIT					
Public	Private	Number/Type of Livestock		Season of Use	AUMs		
					Total	Active	Suspended
34,946	0	Carter & Sons	158 cattle	10/16 – 5/30	1,504	1,180	324

8.1.1 Grazing System

Cattle are free to move about the allotment at will. The Permittee reports that his cattle make almost no use west of the North Pahroc Range. The Pahroc Burn is a newly seeded and fenced area on the allotment. Once it is open this summer, it will probably be grazed yearly.

8.1.2 Stockwaters and Water Rights

The area east of the North Pahroc Range is watered by a pipeline fed by the Rattlesnake Spring and a tank located at Map Reference 1. At Map Reference 2 there is a tank fed by a pipeline coming into the allotment from the Wheatgrass Spring to the south.

8.1.3 Existing Fencing

The allotment has one division fence built to protect the Pahroc Burn on the eastern slope of the North Pahroc Range. The fence will be a permanent feature of the allotment and creates a second pasture.

The allotment is fenced on the east side at the common boundary with the Ely Springs Allotment, and on the north side at the common boundary with the Thorley Use Area up to the North Pahroc Range. There is no fence west of the North Pahroc Range at the common boundary with the Deadman Use Area. The west side of the allotment is unfenced, and the south side is fenced.

8.2 PROPOSED RAILROAD ALIGNMENT – DOE PROPOSED ROUTE

The proposed track and service road will enter from the Ely Springs Allotment to the east, traveling less than one mile across the Rattlesnake Allotment before exiting into the Thorley Use Area to the north. Until the centerline of the right-of-way (ROW) is staked it is difficult to tell exactly how much land within the Rattlesnake Allotment will be impacted and covered by the ROW, but the following is a best estimate.

Rail Length Within Allotment: .98 miles
1,000' Construction Right-of-Way Area: 119 acres

8.2.1 Fencing Preference for Proposed Rail Alignment

The Permittee prefers that the proposed track and service road should be fenced.

8.2.2 Impacts and Mitigation

Fencing the ROW will require about 1 mile of fence on both sides of the ROW. It is difficult to determine the actual distance of track within the allotment until the ROW is staked.

8.2.2.1 Base Property

Should be no impacts.

8.2.2.2 Grazing System

No significant impacts.

8.2.2.3 Existing Fence and Capital Improvements

The proposed track and service road will cross one fence as it enters the allotment from the Ely Springs Allotment, and one fence as it exits the allotment into the Thorley Use Area, creating an alleyway from the Ely Springs Allotment to the Thorley Use Area.

Design cattleguards and fencing so that there is no alleyway (impacts and mitigation have already been tallied for the eastern allotment fence within the Ely Springs Cattle Allotment Analysis).

8.2.2.4 Stockwaters and Associated Infrastructure

Should be no impacts.

8.2.2.5 Road and Trails

The proposed track and service road will cross the existing road used to haul cattle to the Thorley Use Area. The exact crossing location cannot be determined until the ROW is staked.

Construct a road crossing with approaches not to exceed six percent grade, with a road cattleguard to be placed on each side of the ROW.

8.2.2.6 Vegetation and Forage

100 percent of forage in the ROW will be permanently lost.

Not large enough of an area to be of consequence.

8.2.2.7 Loss of Livestock

Should be only a small risk.

8.2.2.8 Other Impacts and Mitigations

The proposed track and service road will run directly through the current corral and loading facility located in the Thorley Use Area, making access difficult for the Permittee of the Rattlesnake Allotment (Map Reference 4). Even if there is a new corral and loading facility constructed in the Thorley Use Area it will be inconvenient for the Rattlesnake Allotment Permittee to access.

Construct a new corral and loading facility in the Rattlesnake Allotment, with the location to be determined through cooperation with the Permittee and the BLM.

Table 8.2: Rattlesnake Allotment Impacted Features

Impacted Features	Common Segment
Base Property (land)	0
Base Property (water within 4 miles)	2
Base Property (water within 1 mile)	2
Base Property (pipeline crossings)	0
Existing Fencing (ea)	1
Capital Improvements	0
Stockwaters within 4 miles	2
Stockwaters within 1 mile	2
Creeks (ea)	0
Pipelines (ea)	0
Roads (ea)	1
Trails (ea)	0
ROW Acreage	0

Table 8.3: Rattlesnake Allotment Mitigation Summary

Proposed Mitigation Units	Common Segment
Fence Construction (miles)	2
Fence Removal	0
Gates (ea)	1
Railroad Cattleguards (ea)	1
Road Cattleguards (ea)	2
Grazing Management Plan	1
Corral Relocation	1
Chute Relocation	1
Wells (ea)	0
Troughs (ea)	0
Springs (ea)	0
Creek Crossings (ea)	0
Unspecified Stockwaters (ea)	0
Pipeline Crossings (ea)	0
Pipeline Construction (miles)	0
Road Crossings (ea)	1
Trail Crossings (ea)	0
Sheep Crossings (ea)	0
Cattle Crossings (ea)	0
Underpasses (ea)	0

Note: *These construction units are estimates. Actual construction units cannot be determined until the centerline of the track is staked and design plans are available.*

Figure 8.1: Rattlesnake Allotment

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8.1 Rattlesnake.pdf