

Rock Springs Allotment
2025 Range Monitoring Report

Introduction

The Rock Springs Allotment is a cattle allotment with 185 cow/calf pairs permitted from July 1st through September 30th. In 2025 the allotment was stocked as follows:

Number of Cattle	Pasture	On date	Off date
185 Cow/calf pairs	Bean Hill Pasture	07/01	08/03
185 Cow/calf pairs	Willis Reservoir	08/04	09/15
185 Cow/calf pairs	Spring Pasture	09/16	09/30

Monitoring Methodology

Monitoring followed protocols outlined in the following reference:

Utilization Studies and Residual Measurements Interagency Technical Reference 1999

Key Species Method (Page 81). This Technique is a combination of the Landscape Appearance Method (Section V.D.) and the Ocular Estimate Method (Section V.C.2). Utilization levels are based on an ocular estimate of the amount of forage removed by weight on individual key species and observations are recorded in one of seven utilization classes. This method was used in the Hunts Allotment to estimate the browse and herbaceous utilization.

Stubble Height method (page 51) The concept of this method is to measure stubble height, or height (in centimeters or inches) of herbage left ungrazed at any given time. This method, because of its simple application, is becoming a well-accepted method for expressing rangeland use.

Site Name	Unit Location	Location (UTM or Lat/Long)	Study Type/Date	Percent Use	80 Percent Confidence Interval
Near trend Plot 62-28	Bean Hill	38.41129059206276, 112.03830570547998	Key Species	45.1	1.8
Near trend Plot 51-13	Wills Reservoir	38.41151107383209, 112.02178682299164	Key Species	46.2	2.1
Near trend plot 62-10	Wills Reservoir	38.40997844819805, 112.01575787166225	Key Species	44.3	1.9
Near Trend Plot	Spring Pasture	38.41202370039219, 111.99234815089878	Key Species	13.9	2.0
Near trend Plot 62-28	Bean Hill	38.41129059206276, 112.03830570547998	Key Species (willows)	20.5	1.6

Discussion

The average utilization at the five monitoring sites ranged from approximately 13.9 percent in the Spring Pasture to 46.2 percent in the Wills Reservoir pasture. The one Bean Hill pasture study was read for grass and a second study in the same area was read on willow shrubs. The utilization on the willows was recorded at 20.5 percent.

Rick Oyler

Rangeland Management Specialist

Richfield Ranger District

January 27, 2026



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: June 26, 2025

Employees Present:

Oyler

Drought Indicator: No

BEAN HILL PASTURE - 001

Site or Key Area Name: West of Toad ponds

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: June 26, 2025

Monitoring Time: PRE-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: July 1, 2025 to August 14, 2025

Estimated Use Days: 41

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 249.4

Total AUM: 249

Type of Monitoring: Production and Range Readiness

Monitoring Method: Range Readiness Plant Phenology

Grass Species: **All Species**

Average Height: 12.6

Forb Species: **All Species**

Soil Condition / Moisture: Moist



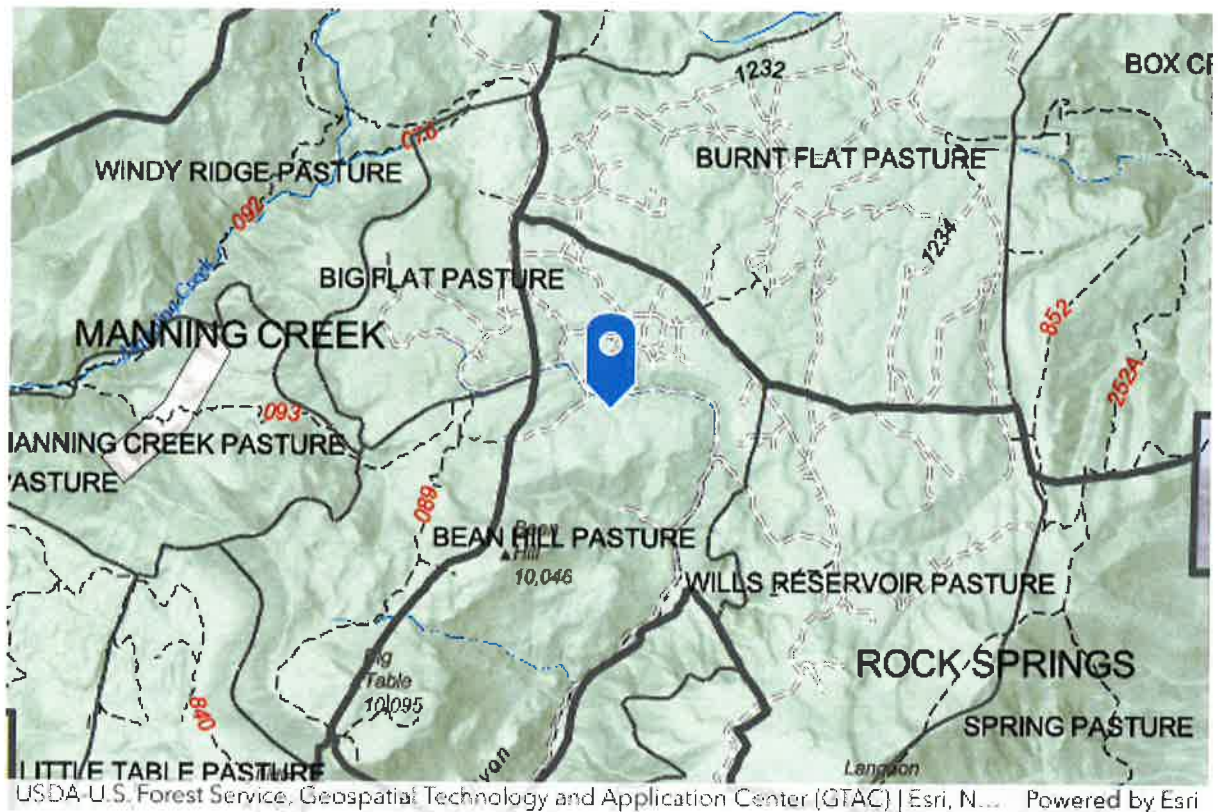
Closeup

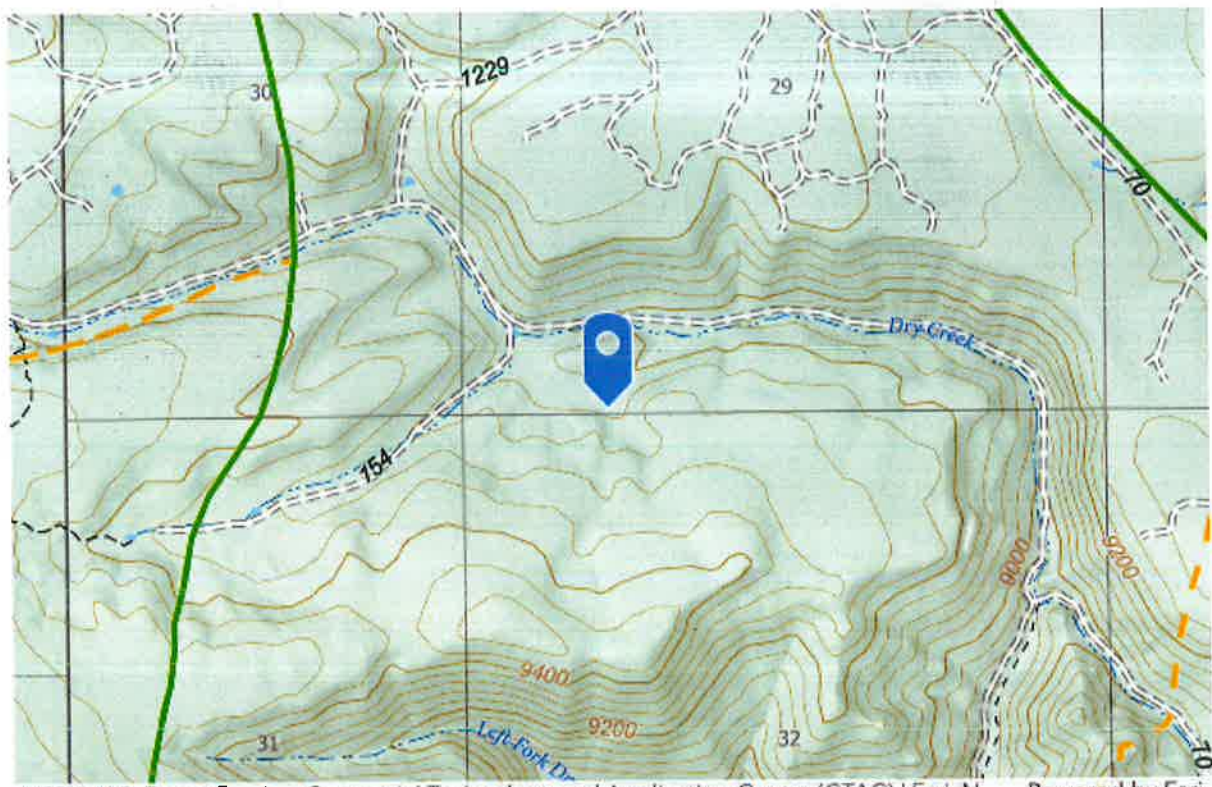


Closeup



General View





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[12S 408656E 4253633N](#)38.42629566918141, -112.04645988154346

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: October 6, 2025

Employees Present:

Oyler

Drought Indicator: No

BEAN HILL PASTURE - 001

Site or Key Area Name: Trend plot 62-28

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: October 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: July 1, 2025 to August 14, 2025

Estimated Use Days: 45

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 273.7

Total AUM: 274

Type of Monitoring: Herbaceous Removal

Monitoring Method: Key Species

Plant Species: **POFE**

Plant Species 2: **ACNEN2**

Species 1 Percent Utilization: 44.5

Max Allowable Use: 50

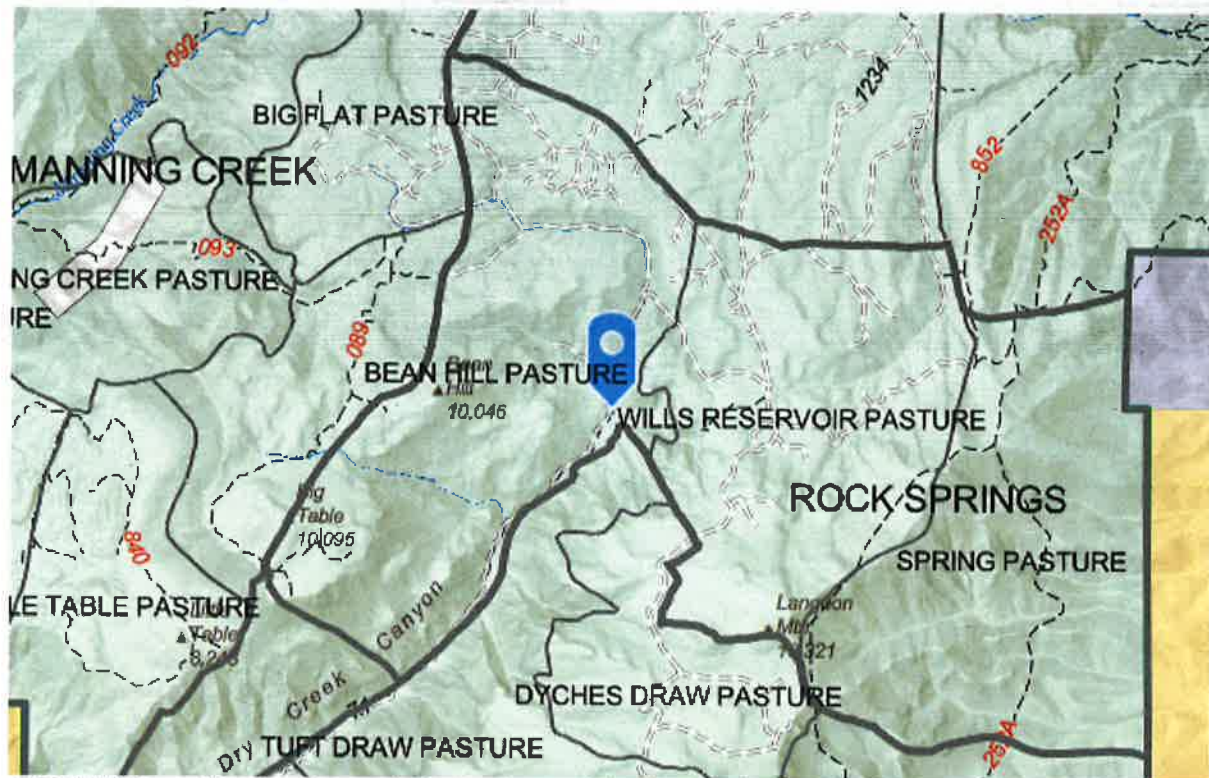
Within Guidelines?Yes



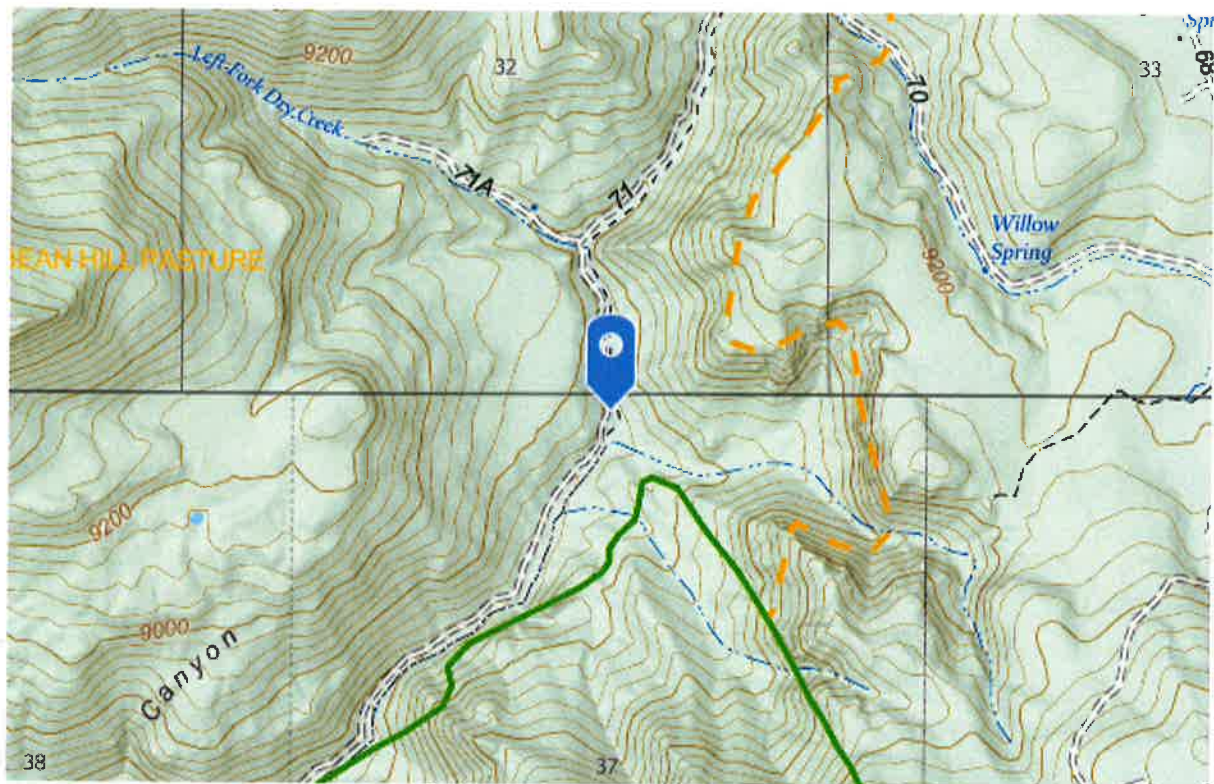
General view looking north



Closeup view of the vegetation



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Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: October 6, 2025

Employees Present:

Oyler

Drought Indicator: No

WILLS RESERVOIR PASTURE - 002

Site or Key Area Name: Trend plot 51-13 Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: October 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: August 15, 2025 to September 14, 2025

Estimated Use Days: 31

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 188.5

Total AUM: 189

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **BRIN2**

Species 1 Percent Utilization: 45.7

Max Allowable Use: 50

Within Guidelines?Yes



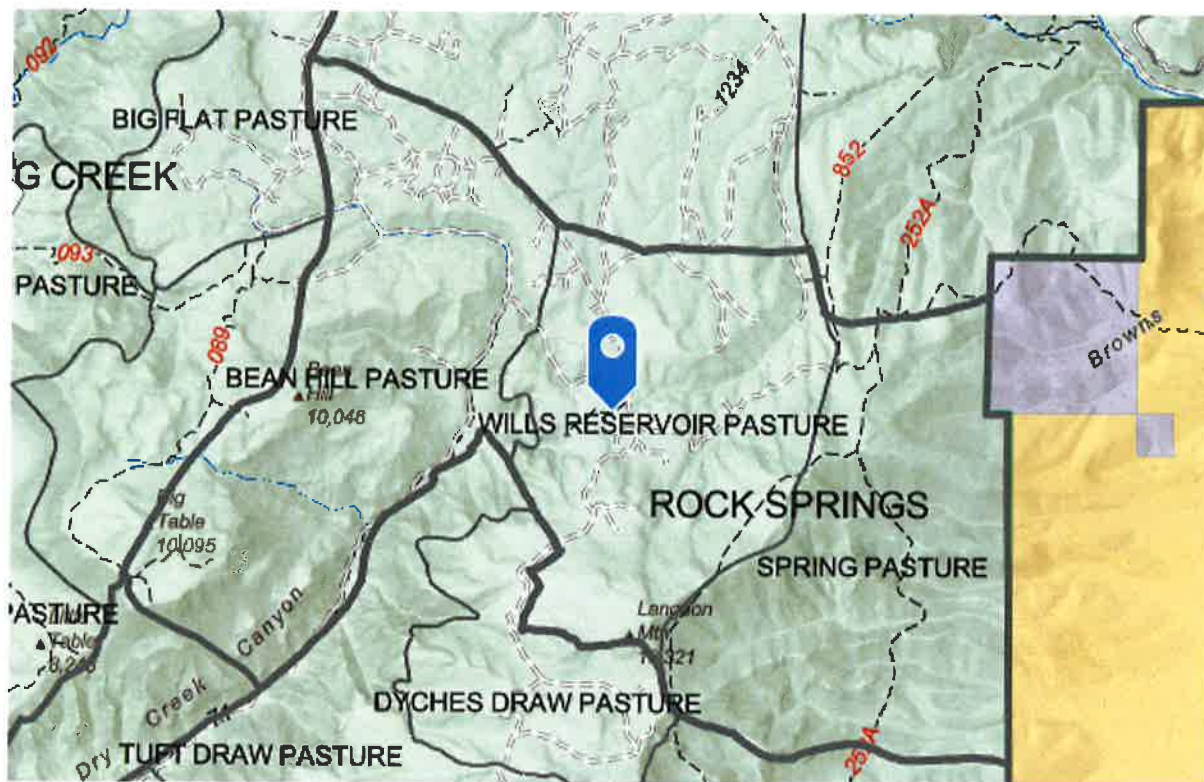
General view looking south



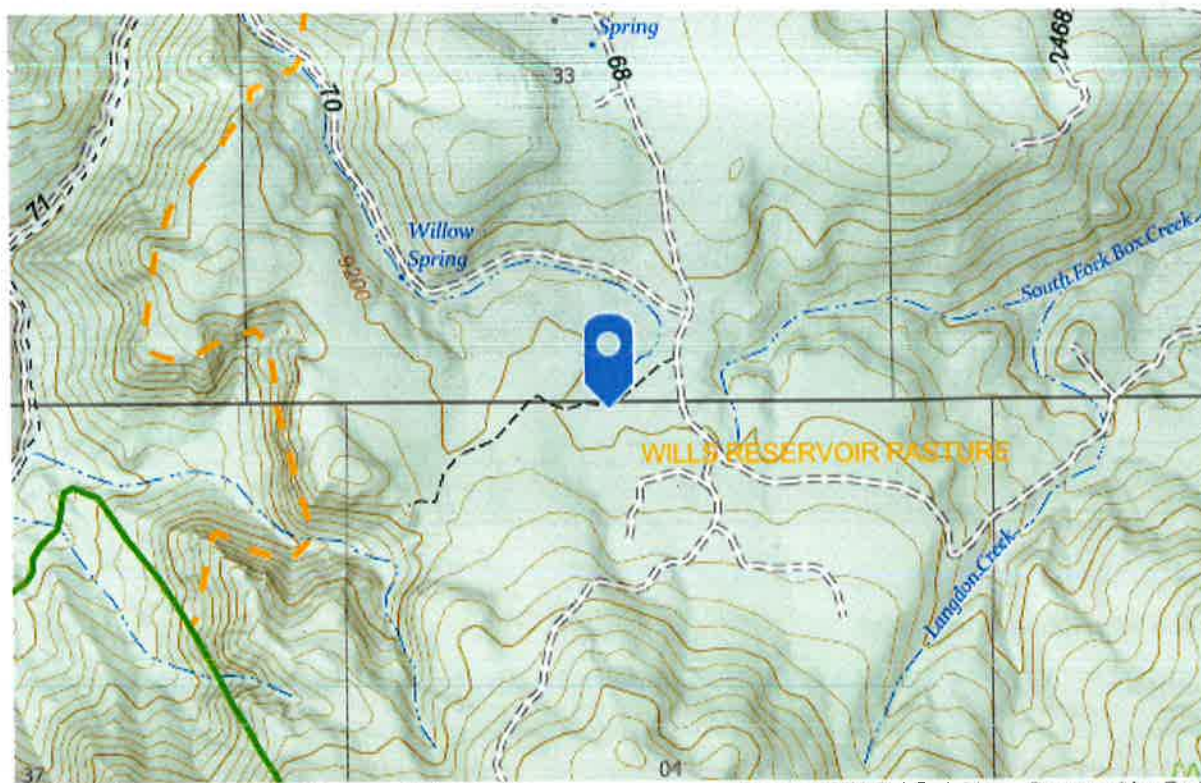
Closeup of vegetation



General view looking northeast



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Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: October 6, 2025

Employees Present:

Oyler

Drought Indicator: No

WILLS RESERVOIR PASTURE - 002

Site or Key Area Name: Trend plot 62-10 Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: October 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: August 15, 2025 to September 14, 2025

Estimated Use Days: 31

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 188.5

Total AUM: 189

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **BRIN2**

Species 1 Percent Utilization: 43.8

Max Allowable Use: 50

Within Guidelines?Yes



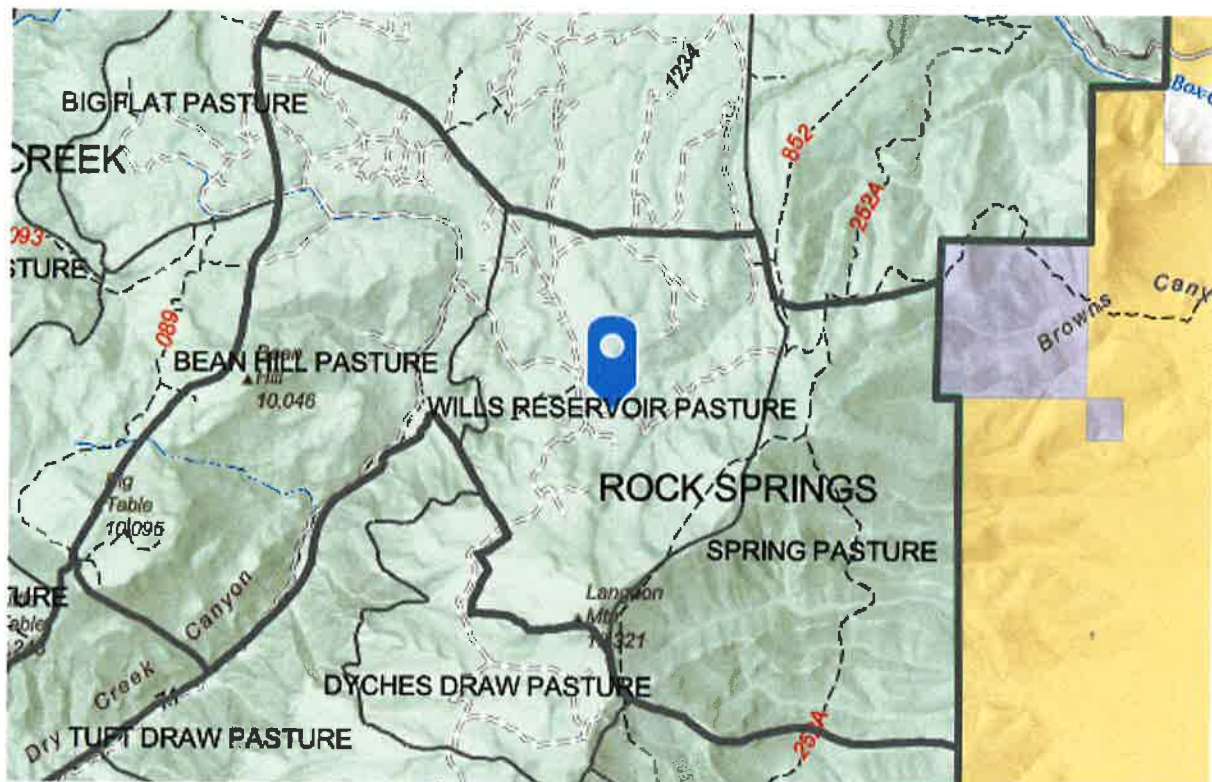
Close of vegetation



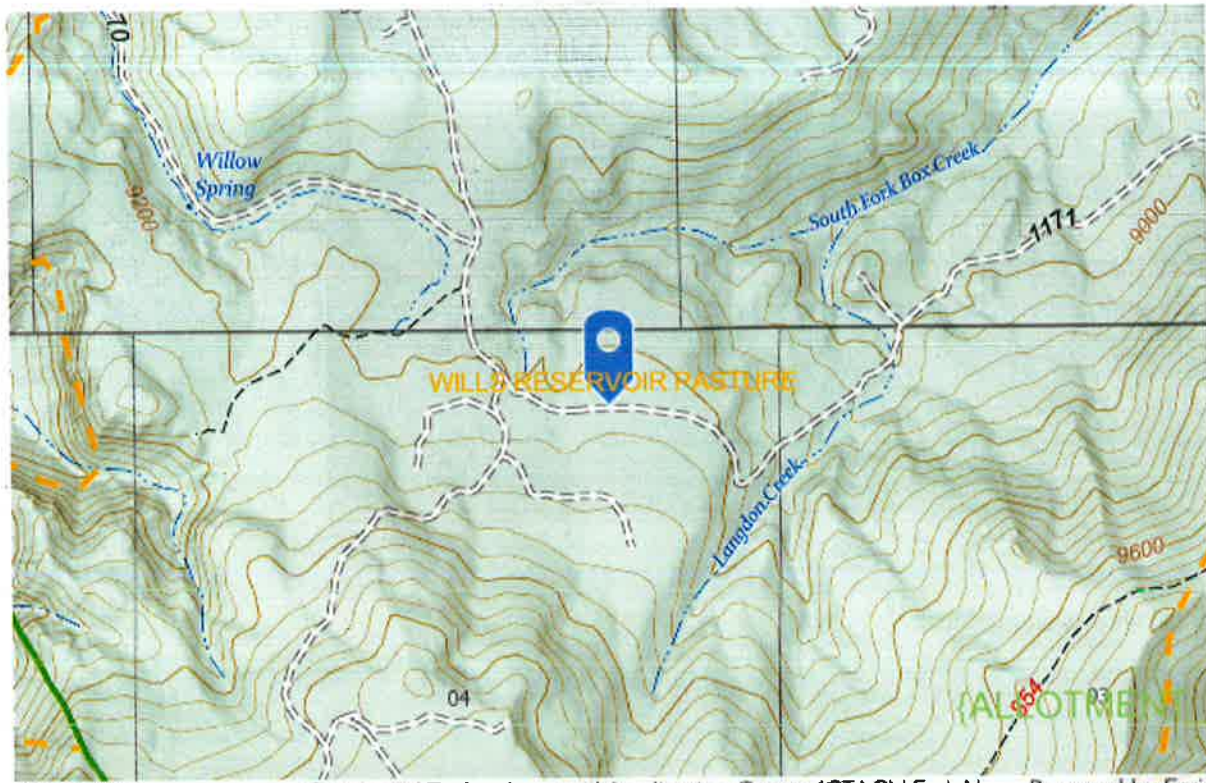
General view looking north



General view looking south



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Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: October 6, 2025

Employees Present:

Oyler

Drought Indicator: No

SPRING PASTURE - 003

Site or Key Area Name: Trend plot Predominant Landform: RIDGETOP

Measurement Units: inches

Monitoring Date: October 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: September 15, 2025 to September 30, 2025

Estimated Use Days: 16

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 97.3

Total AUM: 97

Type of Monitoring: Herbaceous Removal

Monitoring Method: Key Species

Species 1 Percent Utilization: 13.8

Max Allowable Use: 50

Within Guidelines?Yes



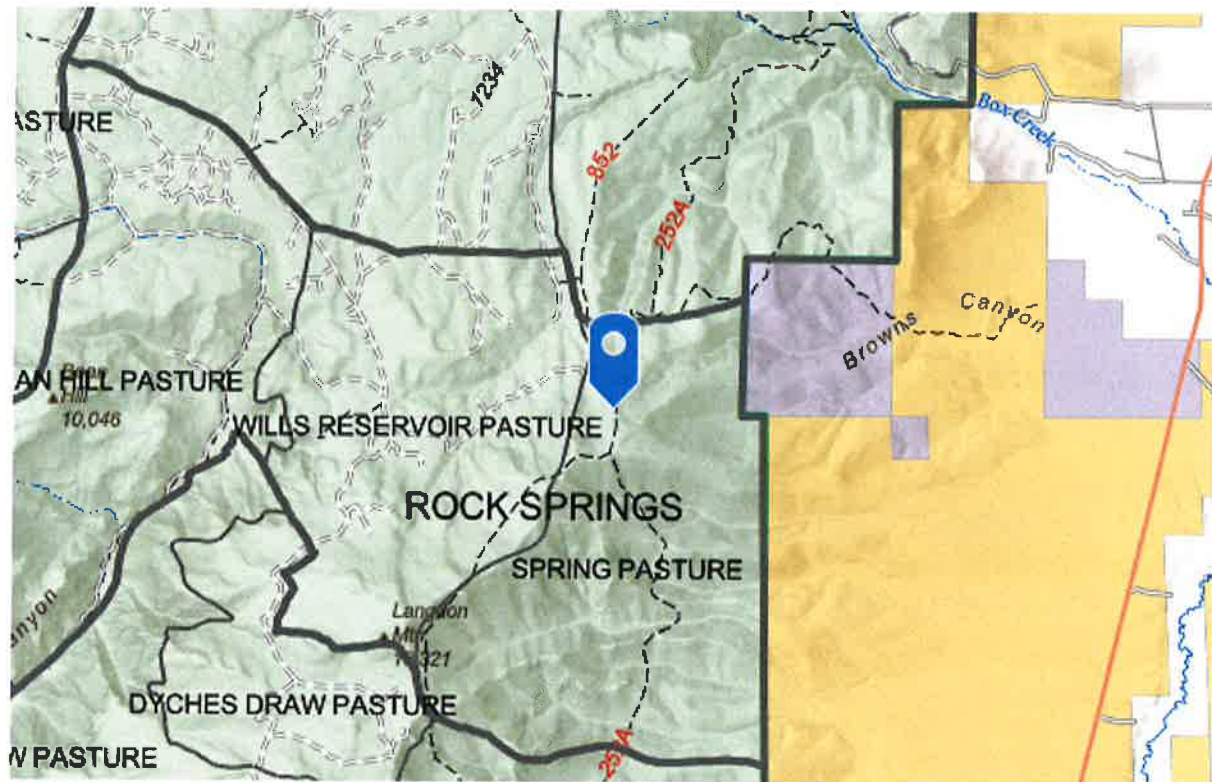
General view looking north

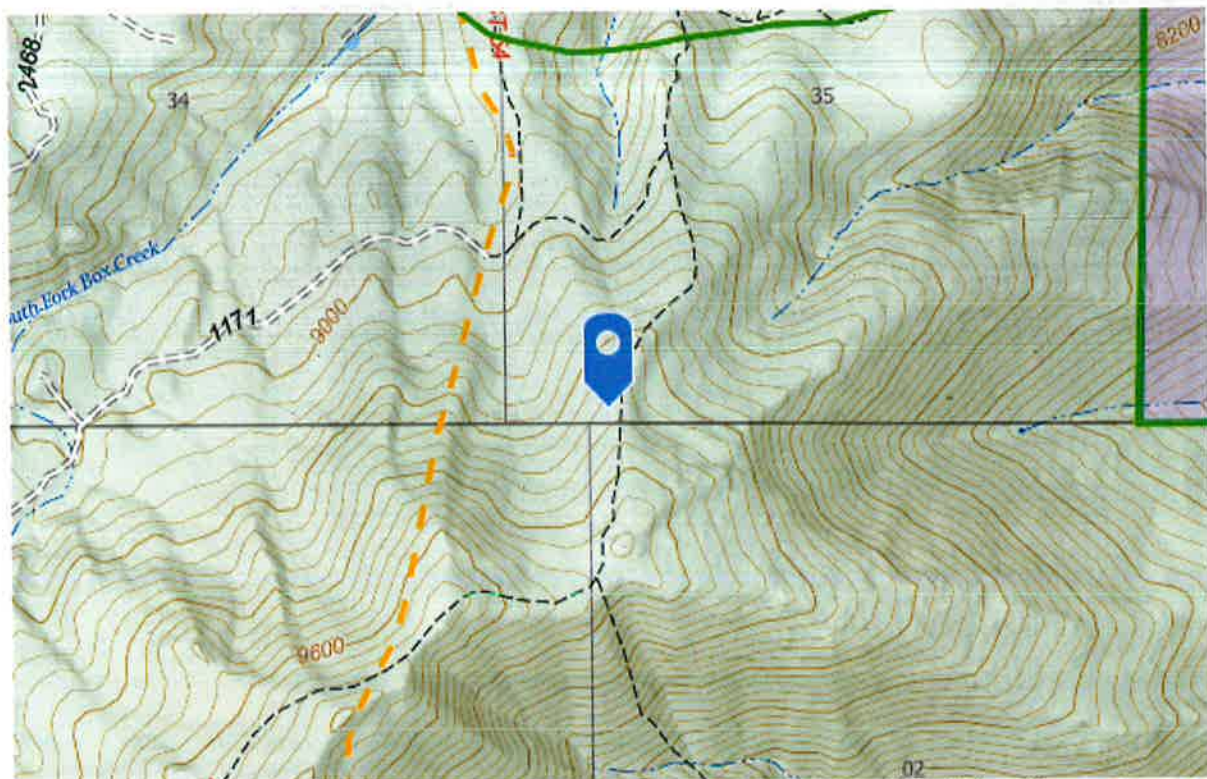


General view looking south



Closeup view of vegetation





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Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

ROCK SPRINGS - 04017

Monitoring Date: October 6, 2025

Employees Present:

Oyler

Drought Indicator: No

BEAN HILL PASTURE - 001

Site or Key Area Name: Dry Creek Drainage 62-28

Predominant Landform: RIPARIAN

Measurement Units: inches

Monitoring Date: October 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMPEstimated use dates: July 1, 2025 to August 14, 2025

Estimated Use Days: 45

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 185 AUM: 273.7

Total AUM: 274

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **Yellow Willow**

Species 1 Percent Utilization: 20

Max Allowable Use: 40

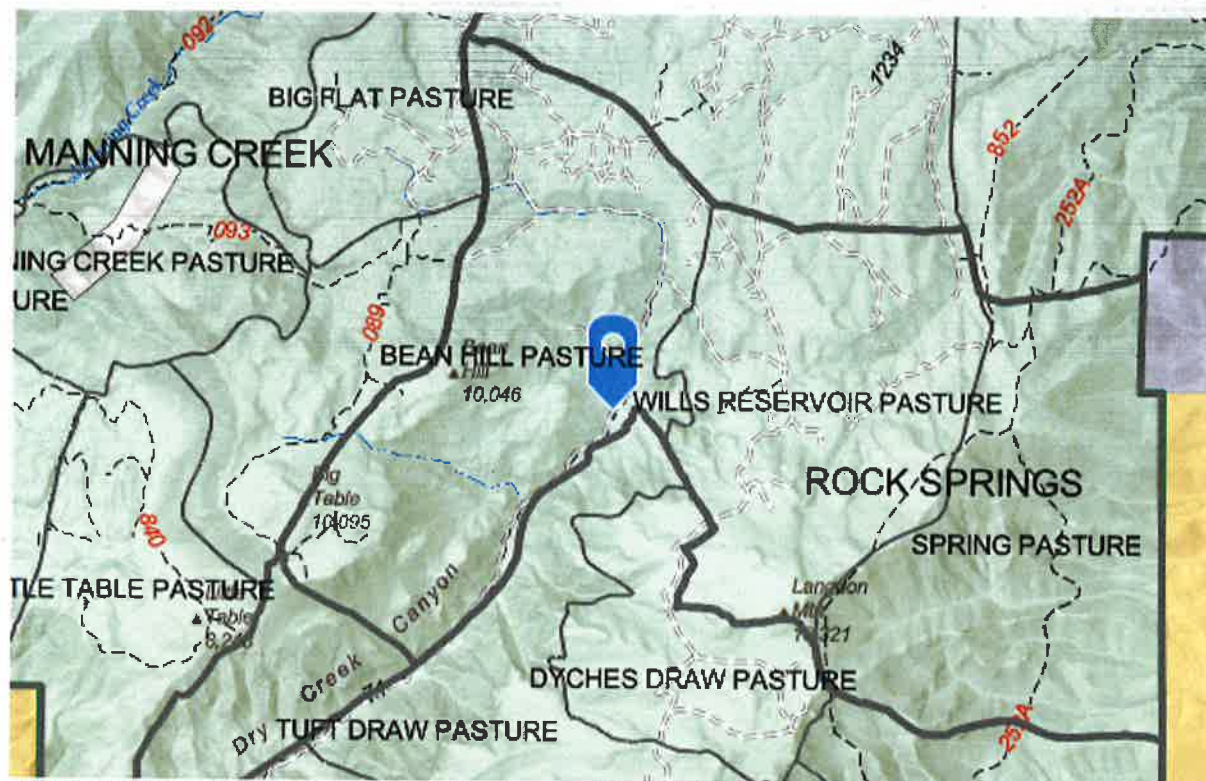
Within Guidelines?Yes



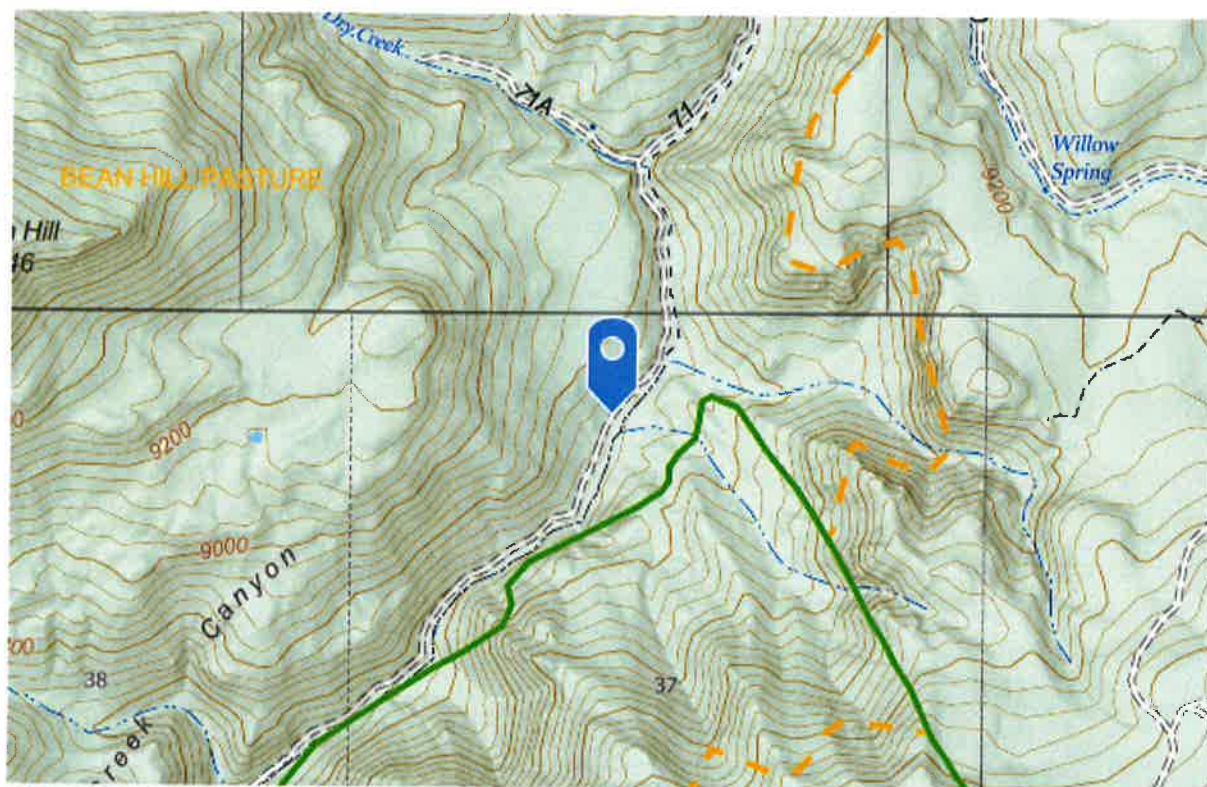
Looking down stream



Closeup looking down stream



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Is the Standard Met? Yes

Is follow-up needed for compliance? No