

# Map Unit Description

Rio Blanco County Area, Colorado

## 10 Blazon, moist-Rentsac complex, 8 to 65 percent slopes

### Setting

Landscape: Foothills  
Elevation: 5700 to 6900 feet  
Mean annual precipitation: 15 to 17 inches  
Mean annual air temperature: 42 to 44 degrees F  
Frost-free period: 80 to 105 days

### Composition

Blazon, moist, and similar soils: 50 percent  
Rentsac and similar soils: 35 percent

### Description of Blazon, moist

#### Setting

Landform: Ridges  
Down-slope shape: Convex, linear  
Across-slope shape: Convex, linear  
Parent material: Residuum weathered from shale

#### Properties and Qualities

Slope: 8 to 40 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 2 percent  
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: Very low (about 2.2 inches)

#### Interpretive Groups

Land capability (non irrigated): 7e

#### Typical Profile

0 to 4 inches: channery loam  
4 to 16 inches: channery clay loam, clay loam  
16 to 20 inches: weathered bedrock

### Description of Rentsac

#### Setting

Landform: Ridges  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum weathered from shale

#### Properties and Qualities

Slope: 15 to 65 percent  
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Very low (about 0.9 inches)

#### Interpretive Groups

Land capability (non irrigated): 7e

#### Typical Profile

0 to 5 inches: very channery loam  
5 to 16 inches: extremely channery loam, extremely gravelly sandy loam, very flaggy loam

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16 to 20 inches: unweathered bedrock