



**Legend**

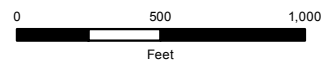
-  Existing Pad
-  County and BLM Roads



**NRCS Map**

**Jimmy Gulch 3G Pad**

Section 3, Township 3 South, Range 97 West  
Rio Blanco County, Colorado



Author: CM    Revision: 0    Date: November 13, 2017

## Rio Blanco County Area, Colorado

### 64—Piceance fine sandy loam, 5 to 15 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp5t

*Elevation:* 6,300 to 7,500 feet

*Mean annual precipitation:* 15 to 18 inches

*Mean annual air temperature:* 42 to 45 degrees F

*Frost-free period:* 80 to 105 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Piceance and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Piceance

##### Setting

*Landform:* Ridges

*Landform position (three-dimensional):* Upper third of mountainflank

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Colluvium and/or eolian deposits derived from sandstone

##### Typical profile

*H1 - 0 to 4 inches:* fine sandy loam

*H2 - 4 to 22 inches:* loam, sandy clay loam, clay loam

*H2 - 4 to 22 inches:* channery sandy loam, channery loam, channery sandy clay loam

*H2 - 4 to 22 inches:* unweathered bedrock

*H3 - 22 to 30 inches:*

*H3 - 22 to 30 inches:*

*H3 - 22 to 30 inches:*

*H4 - 30 to 34 inches:*

##### Properties and qualities

*Slope:* 5 to 15 percent

*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to high (0.06 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Available water storage in profile:* High (about 11.6 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* C

*Ecological site:* Rolling Loam (R048AY298CO)

*Hydric soil rating:* No

**Minor Components**

**Other soils**

*Percent of map unit:* 15 percent

*Hydric soil rating:* No

**Data Source Information**

Soil Survey Area: Rio Blanco County Area, Colorado

Survey Area Data: Version 11, Sep 22, 2015

## Rio Blanco County Area, Colorado

### 70—Redcreek-Rentsac complex, 5 to 30 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp61

*Elevation:* 6,000 to 7,400 feet

*Mean annual precipitation:* 14 to 18 inches

*Mean annual air temperature:* 42 to 45 degrees F

*Frost-free period:* 85 to 105 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Redcreek and similar soils:* 60 percent

*Rentsac and similar soils:* 30 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Redcreek

##### Setting

*Landform:* Mountainsides, ridges

*Landform position (three-dimensional):* Mountainflank

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian deposits and/or residuum weathered from sandstone

##### Typical profile

*H1 - 0 to 11 inches:* sandy loam

*H2 - 11 to 16 inches:* channery sandy loam

*H3 - 16 to 20 inches:* unweathered bedrock

##### Properties and qualities

*Slope:* 5 to 30 percent

*Depth to restrictive feature:* 10 to 20 inches to lithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* High

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Very low (about 1.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* D  
*Ecological site:* Pinyon-Juniper (F048AY909CO)  
*Hydric soil rating:* No

## **Description of Rentsac**

### **Setting**

*Landform:* Mountainsides  
*Landform position (three-dimensional):* Mountainflank  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Eolian deposits and/or residuum weathered from sandstone

### **Typical profile**

*H1 - 0 to 5 inches:* channery loam  
*H2 - 5 to 16 inches:* extremely channery loam, extremely gravelly sandy loam, very flaggy loam  
*H2 - 5 to 16 inches:* unweathered bedrock  
*H2 - 5 to 16 inches:*  
*H3 - 16 to 20 inches:*

### **Properties and qualities**

*Slope:* 5 to 30 percent  
*Depth to restrictive feature:* 10 to 20 inches to lithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low (0.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 15 percent  
*Salinity, maximum in profile:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)  
*Available water storage in profile:* Very low (about 2.0 inches)

### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* D  
*Ecological site:* Pinyon-Juniper (F048AY909CO)  
*Hydric soil rating:* No

## **Minor Components**

### **Other soils**

*Percent of map unit:* 10 percent

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado  
Survey Area Data: Version 11, Sep 22, 2015