



**Legend**

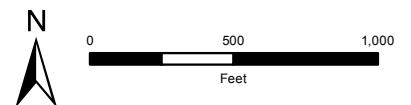
-  Existing Pad
-  County and BLM Roads



**NRCS Map**

**Jimmy Gulch 3K 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

### 33—Forelle loam, 3 to 8 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp4q  
*Elevation:* 5,800 to 7,200 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:* Prime farmland if irrigated

#### Map Unit Composition

*Forelle and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Forelle

##### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from sedimentary rock and/or eolian deposits

##### Typical profile

*H1 - 0 to 4 inches:* loam  
*H2 - 4 to 21 inches:* clay loam, loam, sandy clay loam  
*H2 - 4 to 21 inches:* loam, sandy clay loam, clay loam  
*H2 - 4 to 21 inches:*  
*H3 - 21 to 60 inches:*  
*H3 - 21 to 60 inches:*  
*H3 - 21 to 60 inches:*

##### Properties and qualities

*Slope:* 3 to 8 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):*  
 Moderately high to high (0.60 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:* 15 percent  
*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 5.0  
*Available water storage in profile:* Very high (about 29.1 inches)

**Interpretive groups**

*Land capability classification (irrigated): 4e*

*Land capability classification (nonirrigated): 4e*

*Hydrologic Soil Group: B*

*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