

The Searchers #2-25  
WELL BORE  
25-55-54W  
Wash Cnty, Colo.

## Washington County, Colorado

### 57—Pleasant silty clay

#### Map Unit Setting

*National map unit symbol:* 35w5  
*Elevation:* 4,000 to 5,400 feet  
*Mean annual precipitation:* 14 to 17 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 130 to 150 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Pleasant and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Pleasant

##### Setting

*Landform:* Playas  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium

##### Typical profile

*H1 - 0 to 3 inches:* silty clay  
*H2 - 3 to 38 inches:* clay  
*H3 - 38 to 60 inches:* clay

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Moderately well drained  
*Runoff class:* Negligible  
*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:* About 0 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* Frequent  
*Calcium carbonate, maximum in profile:* 5 percent  
*Available water storage in profile:* High (about 9.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 3c  
*Hydrologic Soil Group:* C/D  
*Ecological site:* Plains Swale (R067XY010CO)  
*Hydric soil rating:* No

### **Minor Components**

#### **Aquic argialbolls**

*Percent of map unit:* 6 percent

*Landform:* Swales

*Hydric soil rating:* Yes

#### **Platner**

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Washington County, Colorado

Survey Area Data: Version 18, Sep 22, 2016