

The Searchers #2-25
WELLBORE

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