



Notes / Comments:

#### Legend

- CO683 Soils
- Pad
- Access Road
- Buffers
- County Road

#### NRCS SOILS KEY:

MAP SYMBOL	SERIES NAME (Slope)
56	Potts loam (6 to 12% slopes)
58	Potts-Ildefonso complex (12 to 25% slopes)



**Ursa** OPERATING COMPANY

### Form 2A - Attachment H

NRCS Map

### Monument Ridge B Pad

T7S R95W Sec 8 & 9  
39.447662 - 108.012267



0 0.1 0.2 0.3  
Miles

**WestWater Engineering**  
Consulting Engineers & Scientists

Author: rbb

Revision: 1

Date: 5/15/2015

**Monument Ridge B Pad  
Attachment H  
NRCS Soil Survey**

<b>Map Symbol 56 – Potts loam (6-12% slopes)</b>	
Deep, well drained, moderately sloping soils found on mesas, benches and sides of valleys.	
<b>Elevation</b>	5,000 to 7,000 feet
<b>Average Annual Precipitation</b>	Approximately 14 inches
<b>Average Annual Air Temp</b>	Approximately 46 degrees F
<b>Frost Free Days</b>	Approximately 120 days
<b>Permeability</b>	Moderate
<b>Available Water Capacity</b>	High
<b>Effective Rooting Depth</b>	60+ inches
<b>Surface Runoff</b>	Slow
<b>Erosion Hazard</b>	Moderate
<b>Native Vegetation:</b> Mainly wheatgrass, needleandthread, and sagebrush.	
Development is limited by low strength and shrink-swell potential. This soil is in capability subclasses IIIe, irrigated and IVe, nonirrigated.	

<b>Map Symbol 58 – Potts-Ildefonso complex (12-25% slopes)</b>	
Strongly sloping to hilly soils found on mesas, alluvial fans, and sides of valleys.	
<b>Elevation</b>	5,000 to 6,500 feet
<b>Average Annual Precipitation</b>	Approximately 14 inches
<b>Average Annual Air Temp</b>	Approximately 46 degrees F
<b>Frost Free Days</b>	Approximately 120 days
<b>Permeability</b>	Moderate
<b>Available Water Capacity</b>	High
<b>Effective Rooting Depth</b>	60+ inches
<b>Surface Runoff</b>	Medium
<b>Erosion Hazard</b>	Moderate
<b>Native Vegetation:</b> Mainly wheatgrass, needleandthread, and sagebrush with additional pinyon, juniper, ricegrass, serviceberry, bitterbrush, and junegrass.	
Development is limited by steep slopes, runoff, gullyng, and erosion. This complex is in capability subclass Vie, nonirrigated.	