

## Project

# Rhett Mimms / Mimms Brothers

Multi-Zone Irrigation  
System



<b>Project Name</b>	Rhett Mimms / Mimms Brothers
<b>Country</b>	Texas, USA.
<b>General Description</b>	<p>60acre, SDI system designed and installed by South Plains Valley Irrigation.</p> <p>This customer had other systems that were mostly BERMAD, so BERMAD was able to provide the full system.</p> <p>Specifics: 50 Acres / Open field / Cotton / Sub-surface drip / Water source is (3) private well with a submersible pump tied to a single system discharge / Inlet pressure: 35-40 PSI</p> <p>Irrigation: Multi zone system / 3-4 zones sets @ 60gpm per zone / Rolling Program in groups (turn off one valve and turn on the next in sequence)</p>
<b>Installation Date</b>	New installation, 2017
<b>BERMAD Solution</b>	<p>Bermad 2x30" Sand media filter / 4" 100series 130-59 N.O.</p> <p>Pressure sustaining valve / 2" 110 control valves / BIC1000 controller / Turbo-Bar Meter / 2" K-10 &amp; 2" C-10.</p>
<b>Project Story</b>	<p>Majority of the systems in West Texas are broken up into multiple small zones that are run in groups in the irrigation sequence. This is due to the lack of water in the area and that the water table drops throughout the season due to high pumping volume. Having multiple small zones allows the customer to change the watering schedule by changing the number of valves running together in a group based off the available water.</p> <p>The filtration for these projects will, 90% of the time, have a single large Hydro-cyclone, or bank of 2-4 3" Hydro-cyclone (because of the amount of sand that the wells pump) in conjunction with either Disc filters or Sand media. Screen filters are not used in this area because of past "Bad" experiences with spin kleen filters.</p>