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Starlivia Kaska

HWRS 482

Dr. Laura Condon

March 15, 2022

Farm Challenge Conceptual Model

0 500 1000 1500 2000 2500

Wildcat Farm

12 grid cells each 100m x 100m

Roughly = 30 acres

Entire farm irrigated

Irrigated Portion of ACME Farm

Roughly = 40 acres = 16 grid cells

ACME Farm:

200 grid cells each 100m x 100m

Roughly = 500 acres

Constant Head Boundaries

Left Boundary = 395m

Right Boundary = 348m

Wells

25 x 25 Grid

100m x 100m Cells

dz = 400m