

Conversion of Base Irrigation Groundwater Application Summary / Conversion Based on Water Conservation (Installation of Pivot System) Daniel Maurice Rimkus and Ginger Lynn Rimkus Patterson

Permit Number: P103-470 (UV00430)
Purpose of Use: Irrigation
Place of Use: Uvalde County
Original Permitted Amount: 65.395 acre-feet
Irrigation Base Amount: 65.395 acre-feet
Irrigation Unrestricted Amount: 0.000 acre-feet
Date Board Issued Regular Permit: September 12, 2008

EAA Well No.	Location	Measuring Method	Withdrawal Rate
W106-735	29-17.00-19.50 / 99-45.00-55.10	Meter	400-500 gpm

Number of acre-feet applicant originally requested to be converted from base irrigation to unrestricted irrigation groundwater:

20.371 acre-feet

(15.278 acre-feet converted due to installation of pivot system and 5.093 acre-feet due to corner credit)

Number of acre-feet staff recommends converted from base irrigation to unrestricted irrigation groundwater:

20.371 acre-feet

(15.278 acre-feet converted due to installation of pivot system and 5.093 acre-feet due to corner credit)

Place of Use:

The tract(s) of land more fully described in Warranty Deed dated 4/20/2007 as recorded with Clerk as Document # 2007001501, and the tract(s) of land more fully described in Gift Deed dated 11/30/2009 as recorded with Clerk as Document # 2009004008, and the tract(s) of land more fully described in Gift Deed dated 11/30/2009 as recorded with Clerk as Document # 2009004009, and the tract(s) of land more fully described in Gift Deed dated 1/9/2010 as recorded with Clerk as Document # 2010000058, and the tract(s) of land more fully described in Gift Deed dated 1/9/2010 as recorded with Clerk as Document # 2010000059, Official Public Records, Uvalde County, Texas.

Current Physical Description of Place of Use:

Property consists of 60.120 historically irrigated acres located south on Hwy 83 in Uvalde County, Texas. Property also known as "Rocky Acres" and was formerly owned by Mr. A.M. Rimkus.

Description of Water Conservation Equipment:

The water conservation equipment is described as One Valley Model 8000 galvanized center pivot with Mid-Elevation Spray Applicators (MESA). Installation date regarding water conservation equipment was October 22, 2009.

Staff Calculations:

EAA staff calculated the area under the pivot system to be 34.102 base acres. Staff has calculated a projected water savings of 15.278 acre-feet due to the installation of the water conservation equipment. In addition, staff calculated corner credit of 5.093 acre-feet based on the standard calculation for center pivots. EAA staff has determined that the total amount of base irrigation groundwater that is eligible for conversion due to the submission of this application would be 20.371-acre feet.

Staff Recommendation:

EAA staff recommends a conversion be granted in the amount of 20.371 acre-feet. The application will be reviewed at the March 10, 2020 EAA Board meeting.