

**Gonzales County Underground Water Conservation District
Manager's Report
October 2017**

On October 5th, 7th, and 9th I conducted an inspection of the Alsay, Incorporated (Alsay) plugging and abandonment procedures. Alsay had requested that the District review an alternative method of plugging and abandoning wells. District rules currently require drilling out PVC casing prior to grouting up the borehole. The alternative method would use a perforating gun to blast holes in the casing allowing the grout to penetrate through the holes and seal up the borehole behind the casing. The District agreed to review the process through use of a downhole camera survey after completion of the casing perforation.

The well is completed at a depth of 240 feet below ground surface with a screen set from 200 – 240 feet. Alsay had previously perforated the casing at 60 feet to assist in removal of the casing from the borehole. This caused problems with getting the perforating gun past the perforated casing at 60 feet. Alsay then removed the upper 60 feet of casing and cleaned out the remaining casing. This allowed the perforating gun to be run down the hole. The remaining casing was perforated at 90 feet, 140 feet, and 190 feet.

The downhole camera attempt failed as the camera could not be lowered below 60 feet where the upper casing had been removed. Since the success of the perforations could not be verified by the camera survey, the District required Alsay to drill out the rest of the casing prior to plugging.

On October 9th I met Andy Donnelly of Daniel B. Stephens and Associates to discuss the status of the Monitor Well Project. The Invitation to Bid for water well drillers was let out on October 31 and the deadline for submission response is November 30, 2017. The first phase will be for the installation of three monitor wells.

On October 19th I collected a water sample from the Zimmerman well which is to be plugged and abandoned by Thomas Moy under enforcement action by the District.

On October 20th I conducted a water well inspection on a water well being installed by Lonestar Drilling northwest of Waelder at 1099 CR 444. The well appeared to be installed and completed in compliance with the District rules.

On October 25th I conducted an inspection of county road and highway right of ways for possible locations for Carrizo Outcrop monitor wells.

On October 31st Link Benson and I conducted an inspection on a water well being used for fracking operations. A review of our database indicated that the well was not registered with the District and did not have a permit for industrial use. The well is located approximately 4 miles southeast of Waelder on FM 1680. The District is working with its attorney on appropriate enforcement actions.

SSLGC's October production was about 1,021 ac-ft which is about 63% of the monthly allowable production.

CRWA's October production was about 223 ac-ft which is about 36% of the monthly allowable production.

SAWS October production was about 1,098 ac-ft which is about 113% of the monthly allowable production.

AQUA's September production was about 32 ac-ft which is about 8% of the monthly allowable production.

The Palmer Drought Index, as of October 31, 2017 indicates that the District is currently not under any drought conditions.

**Gonzales County Underground Water Conservation District
Field Technician Report
October 2017**

On October 6th, I inspected a well being drilled for Mr. Larry Miles on County Road 120.

On October 9th, I made a final completion inspection on the Miles well.

On October 23rd, I drove part of Highway 90A, County Road 108, 109, 102, 104, and 105 looking for non-registered wells.

On October 24th, I made the initial inspection on a new well being drilled by Hazelett Drilling on Country Road 2836 off State Highway 304.

On October 25th, I completed the inspection of the new Hazelett well on County Road 283. Then I drove to the eastern side of Gonzales County out Highway 90 in an attempt to locate non-registered wells only to learn that portion of the country is not in the district.

On October 30th I drive part of Highway 80, County Road 104, 121, 114, 157 and part of Farm to Market 1117 looking for non-registered wells.

DRAFT