PETROLEUM TECHNOLOGY
April 2014 Newsletter

This April has brought many changes to the field laboratory. In preparation for the arrival of the three 210 bbl (barrel) fully-lined steel tanks, which were funded through a Texas Workforce Commission Skills Development Fund, a caliche pad was set in the field. This funding purchase will aid WTC in delivering a better education to the workforce of the region. This funding begins the first part of a "Pipe, Pump, Tank, and Valve" training concept for the Petroleum Technology program and the upcoming (Fall 2014) Process Technology program.

(*Below*) Price Construction, Snyder, Texas, prepares the site location for the simulated Tank Battery and the Tank in the "Pipe, Pump, Tank, and Valve" training concept.

(*Right*) The completed caliche pad for the site of the simulated Tank Battery.

Students have been busy preparing a base onto which to bolt the outdoor water pump for the water system. This required help from the WTC Welding Technology department who prepared the base. The base was then prepped for outdoor use, and painted a bright yellow. The students then connected the fittings, pressure tank, valves, pressure switch, and pipe sections to fabricate a working water system for use with the Polaris Hands on Trainer.

(*Right*) A Team effort to drill through ½" steel angle in order to mount the field water pump. It is a cooler day, yet work must continue, as in the real world.

(*Below*) Field water system, completely plumbed. Notice in the background the location of the soon to be delivered three tanks of the 210bbl tank battery (the white stripe, in the top left of the photo).