



PSWID General Manager's Report April 22, 2021

1. The Milk Ranch 3 well failed on April 16th. Operations personnel put the Strawberry Hollow well on line and maintained service over the weekend. Aero Drilling was on site on Monday the 19th troubleshooting the well. The well pump was determined to be in a lock rotor condition that was tripping the circuit breaker. The equipment was pulled on Tuesday and we provided Aero with a spare pump and a 20-horse power motor to replace the equipment with. One of the column pipes was corroded to the point of replacement so as of the morning of the 22st the well is expected to be repaired. We will be flushing the equipment and returning the well to service this week.
2. Work in the Upkeep Management system is ongoing. We are implementing Preventive and inspection work orders and have done preliminary functional testing with the operators. We decided to go with tablets for the operations people and have obtained 6 new ones and have 2 that we previously had. We held an initial go live training to identify issues and will be repeating that process to nail down what we can automate.
3. Water Loss. We have elevated water loss to project status and review our activities in this area every week. Water Loss presently comes in two varieties, surfaced and reported leaks and losses not seen on the surface that we are tracking by meter readings of production and revenue meters. We have had 27 leak events recorded by operations since the 28th of December. Most were main breaks. Main break repairs always require "Blue Staking" which takes at least a day. Then excavation, repair, and backfill. If the repair is under asphalt we have to have the pavement patched also. The process for repairing mainline breaks usually takes 2 – 4 days. It is of note that the operations team reports that tree roots are sometimes encountered in the area of leaking mainlines indicating that the leak has been ongoing long enough to have roots around it.

We are presently working in Portals 3 to find the source of an apparent loss that we are presently working to confirm. Initial readings indicated a leak rate of around 10-15 gallons per minute.

We are installing sounding devices in Milk Ranch 2, Milk ranch 3, and Strawberry Hollow 3 and will leave them in the well. When we try to remove these devices from the deep wells they often get caught up on the pump column or the motor feeds and we lose the device. We are placing new emphasis on sounding all our active wells on a monthly basis. When/if we cannot sound a well we are requiring that the reason be documented on the work orders.

4. Well Offer. We had a customer that owns a well on Pine Creek Canyon Road offer their unused well to PSWID. The well is 1 year old. We are making a preliminary look to establish whether it would be useful for PSWID.
5. Employee Certifications. Efforts to contact the Rural Water Apprenticeship Coordinator have not been successful. I have been in contact with Nathan Long of Long Water Management LLC in regards to their services in training system operators to pass their certification exams and they are here to give an information presentation to the board. Nathan was involved with Rural Water.