

Water Master Meeting Notes.

NPT Water Master Manager: Steve Mastovich 505-827-6767 email: steve.mastovich@state.nm.us

Attended by: Joseph Riggs, President TMDWA; Allen Lewis, Secretary TMDWA; Andy Welch, Tesuque Private Well Owner

11:00am 11/7/2018

Subject:

Possible impact of new Tesuque Casino Well drill on TMDWA primary Well #2 and backup Well #1

- Tesuque Casino Well drill is 800ft deep of 12.75in S-Steel pipe. Already done and working. All Pueblos have water rights and do basically whatever they want.
- Nambe, Pojaque, Tesuque (NPT) Pueblos have 1<sup>st</sup> priority rights to 719Acre Feet (AF) per year to divide as they wish. Did not file the requested water use plan due by end of 2017. Tough to get Pueblos to comply.
- RG#97271 is the Tesuque Casino Well. Filed permit for exploratory Well done by contractor "Stamm" and filed application to appropriate 90AF per year.
- SF Hydrology Dept is building a model which will show basin and surface water physical and economic impact of that 90AF per year to all "cells"(blocks of land with wells) from nearest affected on out to no affect. Allen will ask Steve for that report early 2019 to see if our Wells are affected.
- All three Pueblos are supposed to meter their wells and report use so as not to exceed that 719AF annual allowance. They have not. New deadline to do so is Oct 2019. Doubtful.
- Model will show possible impairment of the Nambe/Pojaque/Tesuque (NPT) Basin and if there is impairment of Tesuque stream (river?) due to the Tesuque Casino it must be replenished out of their 90AF water allowance. Final model results are predicted to be very accurate and approval with meeting of the NPT Pueblos is expected in early 2019.
- If our wells are affected and we must drill deeper the funds are supposed to be available via a state and federally funded "impairment fund" that has yet to see any money. There probably won't be any money in that fund until TMDWA has to pay for deeper wells and we then file to get money from the "fund" to reimburse all or part of that expense.
- If we are affected, our wells and others in same NPT Basin will be included in the impairment lawsuit filing to spur funding for the additional expenses. Affected means severe drop that could impair our system. If we have 135ft deep drill and our water goes from a 70ft column to a 60ft or even a 50ft column that stays fairly constant on average then that is not affected enough. Just need to be sure pump is down far enough. Not too close to bottom though of course.
- TMDWA Well #1 is RG#7055 filed in 1962 drilled to 135ft. Well#2 is RG#7055S filed in 1979 drilled to 140ft. Total allowance of both combined for TMDWA is 23.9AF per year.

- Location of Well#2 is 35°45'40.7"N 105°55'57.4"W aka 35.761306,-105.932611
- Location of Well#1 is (TBD when meeting at Well #1 5pm 14 Nov before TMDWA meeting). Allen will report both locations to Water Master to update their database.
- Action items for TMDWA
  - We need to be sure approved meters are on both Wells and annual reading is sent to Water Master end of Jan annually. Sporadic readings sent in 2000~2014. Last reading received was for Well #2 on 1/31/2015
  - Meters must be approved models. Check make/model of each meter and call Steve Mastovich 505-827-6767 or email: [steve.mastovich@state.nm.us](mailto:steve.mastovich@state.nm.us) to check against approved Well water meters list.
  - What is water column height of Well #1 (135ft drill depth) and Well#2 (140ft drill depth)? Those should also be reported annually to help monitor basin water levels. Measure from top to water surface and subtract from drill depth. If Rudy does not have nor has access to water height measuring device (reportedly costs \$1200) then Steve will come out to measure them using his. Need to set meeting time/place to bring Steve to the Wells and Rudy must attend to show access port to drop line in to measure. This must happen ASAP so next time measured can compare to determine if the Casino Well has had any affect.