

The Meadows of Melody Ranch

ISD

Board of Director's Meeting
Wednesday, May 8, 2024 -- 5:00 pm
Zoom

MINUTES

CALL TO ORDER: 5:01

Attendance:

Bob Hammond- President

Demerie Edington - GTPM

Kent Van Riper- VP

Justin Daraie- Board Member

Rich Bloom

Matt Ostdiek- Rendezvous Engineering

1. Business

a. Engineering Report

1) Test Well Progress

The Melody Ranch exploratory well encountered a variable mix of fine sand, silt, and clay layers. The exploratory well bid schedule included 500 ft of well depth. Coarse sand and gravel was encountered from 475 to 495 ft (20 ft thickness) which produced significant water. We anticipate about 40 feet of well screen will be required to obtain a 600-gpm minimum desired production rate. Thus, drilling continued to 515 ft (one more casing pipe length). Unfortunately, very fine sand was encountered from 492-508 ft, with some of that layer having very low water production. However, coarse sand and gravel was then encountered from 508 to 515 ft, with good water production. Again, we do not know how deep this material goes, but made the decision to stop further drilling, considering the borehole quantity already exceeded the original estimate, and that comingling water from the higher zones should achieve the targeted production desired.

We feel there is good potential to develop 600-gpm from the middle production zone from 350 to 385 ft. (35 ft thickness). However, because of the high variability in the depth and thickness of the materials encountered, we are concerned about the extent of this zone. If this middle zone is only a small isolated lens, there is a

chance high-capacity pumping could drain the lens faster than it may be able to recharge. There is risk that without additional effort to evaluate the potential yield of this zone, there is potential to over pump its sustainable capacity.

Therefore, we are proposing performing a small pump test from the middle zone. The test would be a 24-hr test while monitoring the pumping rate and drawdown. The test data would be analyzed and modeled to predict the capacity and drawdown of the high-capacity production well. We did not anticipate doing a pump test for the exploratory well in the original well contract, so this work requires a change order

Kent moved to approve the change order in the amount of \$9,600, as presented by Matt Ostdiek, contingent on approval of this work by the Water Development Commission. Justin seconded the motion which passed unanimously.

2) Pump Installation

The new small flow pressure booster pump was installed earlier this week.

3) Silver Star Fiber Installation.

Silver Star is working with ISD Attorney Nicole Krieger. They are drafting easements needed for the project to move forward. The contact information has been provided for the sub-associations (Sage Meadows, Townhomes and Glory View).

4) Leak Reported

A homeowner on Melody Ranch Drive reported a leak yesterday. Matt went to investigate the cause of the leak and found it was coming from a service line going into the home. The owner was advised this would be her responsibility to repair.

2. Adjournment 5:25