

MEMORANDUM

Date: August 01, 2003
To: Water Right File 36-8491
From: cknowles
Re: Field Report Narrative

Measurement Data was collected on 2-18-03. Two identical pumps with similar TDH values. I isolated each pump to determine the capacity rate of the wells. I ran a ten minute average for the well with Tag # A0002892 and found it to be pumping 73 GPM. The other pump Tag # A0002867 at the time of measurement showed much less due to Constant Pressure valve being set as a back up or supplemental to the A0002892. Recommendations for cfs rate was figured by multiplying the 73 GPM by two times. Setting the rate at .33 CFS. Pump curves and a theoretical were both done to see how close to capacity the measured rate came out to be. Owner gave me information on washing operation. Two bulk tanks with capacity of 10,162 Gallons, 40 stalls in milk parlor with manual washing of cows. Dairy in 1992 covered 4-40 acre tracts. Since 1992 corrals have been expanded but fell within the same 40 acre tracts.

This permit needs to be held from licensing until conditions outlined in a letter dated 7-28-03 by the water master of water district 130 is satisfied. (See file with copy of letter)

10-14-03 Mag meter was installed and tested in
September & is operating satisfactorily
C. Yenter.