

# Memorandum

**To:** File: Carl Jorgensen Bancroft-Lund Diversion File & Water District 13-T  
**From:** Tim Luke  
**Date:** August 2, 1999  
**Re:** Field Visits

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On June 18, 1999, I visited several users in the Bancroft-Lund area to review past or recent complaints and/or inquiries by several other area users regarding potential unauthorized movement of water between different systems and places of use. Carl Jorgensen has two wells that were subject to questions, the Jorgensen North Well and the old Marvin Smith Well which Jorgensen purchased earlier this year and reconfigured.

1. Jorgensen North Well (A0003599):

The complaint or alleged concern here was that Jorgensen had at times moved ground water from this well west to lands across the county road that he owns and that is irrigated by surface water via a lateral under the Last Chance Canal system. The surface water pumping system is connected to this well via a mainline. Jorgensen was aware of the concerns and showed me on June 18 that he had installed a one-way check valve on the mainline that prevents ground water to flow west. Surface water from the canal pumping station located west of the well and across the county road can flow east and into the mainlines and sprinkler systems that this well also services. Jorgensen explained that his canal shares cover the same ground as the land serviced by this well. Photos of the valve were taken on June 18, 1999 and added to the field measurement file.

A review of recent water use and Kilowatt-hours consumed at this ground water diversion/pumping plant suggests that the well is not used much and that pumping is rather limited.

2. Old Marvin Smith Well (A0004908)

There were some questions regarding whether this well was interconnected with another well to the north or other lands not covered by this well and water right. Jorgensen showed me that the old mainline running north and that some of the land it

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crosses is set aside in CRP (I believe about 40 acres under this right in section 5 are in CRP). The mainline was clearly disconnected at this point and obviously water was not being pumped anywhere but within the water right place of use. The mainline had been connected at this point because of some bad leaks, as per Carl.

Photos of the disconnected mainline have been added to the field measurement file.