



State of Idaho

DEPARTMENT OF WATER RESOURCES

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MEMORANDUM

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

DATE: June 7, 2000
TO: Craig Shuler, Watermaster WD 13-T
FROM: Burke H. Scholer, Hydrologist
SUBJECT: Work schedule items

This memo is a follow-up to our discussion last week, June 1st, concerning items to include in your work schedule and items to follow-up on.

1. Gem Valley Farms – Chad Neibaur – Transfer # 5676
The Stanton Well, located in section 13, has been delivering water to the two small pivots in the SE $\frac{1}{4}$ in the past. With this transfer, the Home Place Well, located in section 18 will be used to water these pivots. The Stanton Well mainline will need to be isolated from the pivots. At Mr. Neibaur's suggestion, the gear - operated butterfly valve located near the pump should be locked or sealed shut. Since you have a couple of padlocks available, I suggest that you find a small chain or cable and wrap it around the handle of the valve and one of the flange bolts and lock it. This assures that water from the Stanton Well does not flow east.
2. Gem Valley Farms – Chad Neibaur – Transfer # 5545
This transfer requires the Hansen Wells located in the NW $\frac{1}{4}$ of section 20 have the plumbing re-arranged to assure that water from the Deep Well located in the SW $\frac{1}{4}$ of section 20, cannot be co-mingled. Mr. Neibaur stated that the piping had been cut near the Hansen Wells and a plate installed internally to seal any water coming from the Deep Well. This was done earlier in the year and Mr. Neibaur said he took photographs of the work being done. He will send us a copy of these photos. He also stated that the contractor doing the work, Del Peterson from Golden West Irrigation, would send us a signed statement along with a sketch stating this work was accomplished as stated. You have a copy of Mr. Neibaur's maps showing the place of use for each of these wells.
3. Gem Valley Farms – Chad Neibaur – Christensen Well
The plumbing at the Christensen Well located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 29 has been re-arranged to permit the well water to be used only on the small pivot near the well and the pivot in the NE $\frac{1}{4}$ of section 29. There is a spring-loaded split-wafer check valve installed in the discharge pipe of the pump, which will prevent the well water to go anywhere except to those pivots. The water coming from the canal water pump can flow backwards through this check valve to allow irrigation of these two pivots. There is another check valve installed closer to the pump which will prevent canal water from going backwards down the well. This is a chemigation valve, which has a low-pressure drain to drain any leakage, which may occur around the check valve.

4. Holsten Observation Well

I re-installed the stage recorder in the Holsten well, which we used last year to record variation of the water table. The recorder is set to record water levels continually for sixteen days on one sheet of graph paper. You will need to change the paper on a two-week interval. Please mark the date, time, measured depth to water, and the tape reading on the recorder on the graph paper beginning and end.

5. Water Level Measurements

Continue to measure and record water levels at each of the wells that were measured regularly last year. Measurement intervals will be the same as last year. Each week until about August 1st then every two weeks until November 1 if budget allows. I am enclosing the additional forms you requested.

6. Simonson Well

Continue the observations as you did last year.

Copies of this memo being sent to:

Bart Christensen, Advisory Committee Chairman

Warren Lloyd

Chad Neibaur

Harold Jones, IDWR Eastern Region