

MEMORANDUM

Date: June 05, 2009
To: Transfer 73745
From: jstanton
Re: Forfeiture Analysis

This transfer ties 5 existing farms together - the Buck place, 565 decreed acres (dpou); the Hunsaker east place, 1235 dpou; the Hunsaker west place, 1457 dpou; the Moss place, 305 dpou; the Stoker place 1531.9 dpou (1616-ac ppu). The total decreed place of use is 5093.9 acres. Due to the installation of pivot sprinklers and the failure to irrigate some land for 5 consecutive years since the decrees were issued in 2002, I have found a total of 462.9 acres to be recommended for forfeiture. Of the 33 rights involved in the application, 1 is recommended for full forfeiture; several others are recommended for partial forfeiture (retain some acres and/or flow rate). The farm names used herein are from the previous owners of the property. My detailed analysis follows:

On the Buck place (Rights 43-2317E, etc), 559 acres are still irrigated. The 6 acres recommended for forfeiture can all be taken from the expansion right 43-12933, leaving 1.5 acres and 0.02 cfs remaining under this right. The remaining rights remain as decreed. Farm totals = 8.5 cfs, 559 acres, 2230 afa.

On the Hunsaker east place (Rights 43-2317C, etc), 1206 acres are still irrigated. A previous transfer moved 13 acres from this farm to the Hunsaker west place (Rights 43-13448, etc), leaving 1222 dpou on this farm. The 16 acres recommended for forfeiture here can be taken from expansion right 43-10019, leaving the rest of these rights unchanged. Farm total = 9.70 cfs, 1206 acres, 2476 afa.

On the Hunsaker west farm, 1230 acres are still irrigated. Of the 240 acres recommended for forfeiture, 13 can be taken from Right 43-10019; this right will be reduced by 29 acres and 0.23 cfs, leaving 4.60 cfs and 587 acres remaining. Expansion Right 43-10563 will be reduced to 0 cfs and 0 acres from 106.4 acres. The next-earliest priority right, 43-13462, will be reduced to 2.98 cfs, 0 acres and 0 volume from 3.01 cfs, 37.4 acres, and 81.7 afa. The cfs reduction will bring the total rate to 0.02 cfs/ac for 1230 acres. The remaining 83.2 acres to be forfeited can be taken from 43-13456, leaving 50.4 acres & 201.6 afa with no cfs reduction. The other rights will not be reduced, except that 43-13454 should be reduced to 480.0 afa to stay within the 4.0 afa/ac standard; the excess volume appears to be an error from the SRBA or the previous transfer. Farm totals = 24.60 cfs, 1230 acres, 4920 afa.

On the Moss place, 261 acres are still irrigated. Of the 44 acres recommended for forfeiture, Rights 43-2574E/2576E should be reduced to 157 acres & 628 afa. Rt. 43-2576E should also be reduced to 1.14 cfs to stay within the 0.02 cfs/ac standard. Rights 43-4014A/B should be reduced to 104 acres & 416 afa, with no cfs reduction needed. Farm totals = 4.84 cfs, 261 acres, 1044 afa.

On the Stoker place (Rights 43-13490, etc), 1375 acres are still irrigated. The 156.9 acres recommended for forfeiture can be taken from expansion right 43-13405, leaving 232.1 acres and 2.83 cfs under this right. The other rights will not be reduced. Farm totals = 22.34 cfs, 1375 acres, 4571.6 afa.

Total amounts recommended for transfer = 69.98 cfs, 4631 acres, 15241.6 afa (full volume for 3810.4 acres, leaving 820.6 expansion acres with no additional volume).