

MEMORANDUM

TO: 29-2611

29-7648

FR: Bryce Contor

Bryce A. Contor

Date: 8/2/01

Re: Acres, diversion rate, combined limitation

- 1) 29-2611 licensed for 93 acres, claimed 93 acres
- 2) 29-7648 licensed for 76 acres, claimed 76 acres
- 3) 2 claims/licenses = 169 acres
- 4) 29-2611 licensed for 1.69 cfs
- 5) 29-7648 licensed for 0.91 cfs
- 6) 2 claims/licenses = 2.70 cfs $\approx$ 0.16 cfs/acre
- 7) POU per GIS $\approx$ 163 acres
- 8) $2.70/163 \approx 0.166$ cfs/acre
- 9) 29-2611 no volume on license
- 10) 29-7648 licensed for 266 cfs $\approx$ 3.5 cfs/acre
- 11) license exam 29-7648 was done in 1984, examiner found $39 + 40 + 40 + 38 + 12 = 169$ acres. Claims were filed in 1990.
- 12) FSA (2001) map indicates $51 + 48.8 + 53.1 + 4.8 + 4.9 = 162.6$ acres

Note that blue line on map was drawn either by claimant or by FSA.

Memo p 2 8/2/2001

Conclusion

The difference appears to be the strip against the reservoir in NWSE of 15. This does not appear irrigated in 1987 NAPP and was not included within the blue line drawn on the FSA map submitted by the claimant. My letter to the claimant explicitly asked about that parcel.

Since more than 5 years elapsed between the 1984 license exam and the claim, and since current data supports the 1987 NAPP, I will recommend with a combined acre limitation of 163 acres, ~~and a combined volume limit~~

Volume will be adjusted to current std 4.0' afa/acre per Carter Fritschle instructions in B31, with combined limitation of $163 \times 4.0 \text{ afa} = 652$

No combined rate limitation is req. as rates ~~are~~ are less than 0.02 cfs/acre.

Deyce A. Connor