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Martin Water Laboratories, Inc.  
WATER CONSULTANTS SINCE 1953  
BACTERIAL AND CHEMICAL ANALYSES

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December 16, 1993

Mr. Jim Orseth  
Collins & Ware, Inc.  
303 West Wall  
Suite 2200  
Midland, TX 79701

Subject: Recommendations relative to laboratory #129393 (12-16-93),  
Sheep Draw Federal Com. #3.

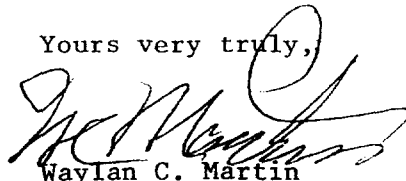
Dear Mr. Orseth:

The objective herein is to evaluate compatibility between the water represented in this analysis with the waters represented on laboratory #129325 (12-7-93). In this regard, we present the following interpretations:

1. The water from this well could be mixed in equal quantities with the waters from Sheep Draw Federal Com. #2 or #5 without any difficulty.
2. An equal combination of the water from this well and Sheep Draw Federal Com. #5 would result in a mild supersaturation to calcium sulfate.
3. Any mixture of this water with either of the waters from Sheep Draw Federal Com. #8 and #28-1 would result in a severe supersaturation with calcium sulfate. This mixture would also result in a significant amount of iron sulfide precipitation.
4. A mixture of this water with Dall Federal #1 would result in a significant supersaturation to calcium sulfate in the mixture.
5. The water from this well shows to be just at the saturation point to calcium sulfate but not supersaturated. The only water in the previous study that could be mixed by itself with this water without causing calcium sulfate scaling potential is that of the water from Sheep Draw Federal Com. #2.

The above objective is to provide an evaluation of individual mixtures between the waters in this study and those represented on the above mentioned previous analysis. If we can be of any additional assistance in this matter, please contact us.

Yours very truly,



Waylan C. Martin

WCM/mo

cc: Mr. Bill Carlton, Midland  
Mr. John Harbison, Jedco @ Stanton