

**Martin Water Laboratories, Inc.**

WATER CONSULTANTS SINCE 1953  
BACTERIAL AND CHEMICAL ANALYSES

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October 18, 1995

Mr. Randy Cate  
Enron Oil & Gas Company  
P.O. Box 2267  
Midland, TX 79702

Dear Mr. Cate:

This letter is in response to your request for a compatibility evaluation between Bone Springs, Wolfcamp, and Delaware water. This evaluation is made on the basis of the commingled Bone Springs and Wolfcamp record from James Ranch #71 reported on laboratory #1294201-A (1-3-95) and the Delaware waters from James Ranch #19 and #37 reported on laboratory #1293233 (1-5-94).

A careful examination of the above analyses has provided no evidence of any incompatibility between the commingled Bone Springs and Wolfcamp waters and Delaware. More specifically, the evidence indicates that these waters can be mixed in any proportion without any scaling potential or precipitation resulting from this mixture.

Yours very truly,



Waylan C. Martin

WCM/mo

**BEFORE THE  
OIL CONSERVATION DIVISION**  
Santa Fe, New Mexico

Case No. 11424 Exhibit No. 16

Submitted by: Enron Oil & Gas Company

Hearing Date: November 16, 1995