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O. C. D. ARTESIA, OFFICE (505) 623-2733 P. O. Box 1136 Roswell, New Mexico 88202

October 13, 1988

Mr. Mike Williams, District Supervisor Oil Conservation Division Drawer DD Artesia, New Mexico 88210

> Re: Holmstrom Federal #1 Well Section 9, T14S, R29E 1980' FSL & 1980' FEL Chaves County, New Mexico

Dear Mr. Williams:

In your absence I have visited with Mr. William LeMay in Santa Fe in regard to the above captioned well and Santa Fe Exploration Company's request for a testing allowable which is attached.

The devonian pay section, which we are in, is highly fractured and we believe that the packer shoe either failed when we ran cement on our production string of casing, or the fractures extended above the packer shoe and allowed the cement to circumvent the shoe. Upon drilling out the shoe with a reverse unit, we discovered our producing zone was filled with cement, and drilling ahead to total depth we drilled another foot or so into the dolomite. We believe the problem on this well is that we have effectively cemented off our pay zone and we are producing through vertical fractures from the bottom of the hole rather than from horizontally in the dolomite that is the resevoir. Numerous tests have been conducted and a varity of scenarios are being considered in an effort to resolve this problem.

Should you need further explanation or discussion regarding our continued efforts to complete this well in the best way, please let me know.

Sincerely,

SANTA FE EXPLORATION COMPANY

William A. McAlpine, Jr.

WAM/lrs

cc: Mr. William J. LeMay, Director Oil Conservation Division 310 Old Santa Fe Trail, Room 206 Santa Fe, New Mexico 87503

