From: J.E. Spell

SUBJECT: Use of MTBE vs Exxon Mogas

Feb: 205.0105
205.0708

In response to JS0's and TGW's comments, the following additional info is provided, copies attached:

I think that it is understood that any move by an Exxon refinery from hydrocarbon-only mogas to an oxygenate-containing mogas would have to have management made up through the Exec. in Charge, e.g., 50%. In addition to the historic technical concerns of being able to deliver "clean" on-spec. mogas to our refinery customers, we have ethical and environmental concerns that are not too well defined at this point, e.g., (1) possible leakage of intermediate underground water systems due to a-gasoline component that is soluble in water to a much greater extent, (2) potential unreliability or treating water bottoms as a "hazardous waste"
and (3) delivery of a fuel to our customers that potentially may provide poorer fuel economy, and (4) potential effects on U.S. petroleum self-sufficiency and balance of payments position.

The 1985 test on the Titan 1/4 system demonstrated that it appeared feasible to deliver on-spec. product to our customers only.

Therefore, at such time as refining began to see strong economic incentives to use MTBE, a study should be started thoroughly review the issue with management. Consequently, I have used "not precisely stated" in defining the lead time for initiation of the use of MTBE in at Elko refineries.

JGS

cc: V. H. Bugan - RM 2354B
    Mr. J. L. Fennell - RM 290
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