

**MARTIN ARH #1
SIMULTANEOUS DEDICATION**

ENGINEERING TESTIMONY -- DAVE BONEAU

I. PRESENT WELL IS DEPLETED IN MORROW.

A. Table of Production.

Big Buck Pounds has produced 435,267 Mcf since it started to produce in the mid 1970's. Production from the well has been only 4 to 5 Mcf/D for the past ten years.

B. Plot of BHP and Cumulative Production.

This plot emphasizes that most of the production occurred early in the life of the well. The bottom-hole pressure fell below 500 psi about 15 years ago. The Big Buck Pounds is clearly limping along in a very marginal state.

C. C-104 Naming CDQ as Operator.

CDQ became operator of the Big Buck Pounds in 1984. CDQ is a small company owned by the farmers in the area. Production from the Big Buck Pounds has been used to run 3 irrigation pumps to irrigate the alfalfa fields offsetting the well. The Big Buck Pounds is still connected to the Transwestern/Agave sales line, but the gas production is used for irrigation the majority of the year. The farmers are also the mineral owners and naturally they want Yates to leave the Big Buck Pounds alone so they can irrigate cheaply after the Martin well is drilled.

II. SURROUNDING MORROW PRODUCTION

- A.** Yates feels that the Big Buck Pounds is essentially "plugged and abandoned" as real commercial production ceased in 1984 or earlier. Yates is asking for authority to risk \$600,000 in an effort to establish commercial production in the S/2 of Section 27. The rest of the exhibits, D and E, give information on the wells in the area that may help answer questions the Examiner might have. There is production in the area from both an "Upper" Lower Morrow sand (as in Big Buck Pounds) and from a "Lower" Lower Morrow sand (as in the Guy well and the Tom Brown GO #1). The Yates geologist is convinced there is a commercial "Lower" Lower Morrow reservoir in the S/2 of Section 27. I hope he is correct so that we can reestablish commercial production there.