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ANALYSIS OFFICE

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**New Mexico Oil Conservation Commission:**

This is a discussion of the initial four point test on the Conoco 8 Federal #1.

Due to loading of water, the choice of times was changed from the standard 60 minutes for the last two points. The rate at the new times give a 3 point straight line and the rates increase with increasing choke size as expected.

The backpressure plot with the 60 minute rate choices yeilded one point on a legal slope, with rate changes decreasing with increased choke sizes.

Considering the low calculated AOF for this well and the three point straight line on the attached backpressure plot, I feel that this is more representative of the wells performance than the required 60 minute flow periods. If the well had not been heading water the calculated AOF would have most probably been higher.

  
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