

Suggest you mud up at approximately 8,000' with a low solids-
C M C system consisting of bentonite, soda ash, and C M C to
attain the following properties:

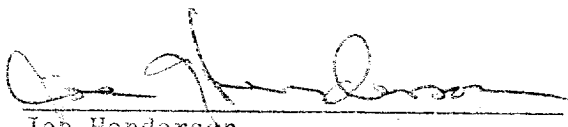
weight.....8.5-8.6#/cu ft
viscosity.....32-33 sec/1,000cc
filter loss.....10-15cc/30min.
ph.....9.5-10.5

A dispersent may be used in the latter stages of the holes to
improve flow properties. These properties will naturally be
altered as drilling progresses and hole conditions warrant
such change.

Before drilling into the Morrow sands section, lower filter loss
to 3-5cc/30min. and raise viscosity to 50-55sec/1,000cc for
logging and/or testing.

Barring unexpected problems of a critical nature, your total
mud cost should not exceed \$ 10,000.00.

Very truly yours,



Joe Henderson

JH/yq