MUD PROGRAM

Surface

0 - 600' Fresh water gel/ lime slurry

Fresh water with LCM

600' - 5200'

required.

for seepage, if

lst Intermediate

2nd Intermediate

5200' - 12,200' Fresh water to 8500'. At 8500' mud up with low solids, non-dispersed fresh water system. Weight and viscosity will be adjusted to contain the formation fluids.

Production

12,200 - 14,300 Low solids, non-dispersed fresh

water system, weight and viscosity will be adjusted to contain the formation fluids. The water loss will be decreased to 5cc or less before drilling the Morrow.