Gas model notes

-Need to start a manual of how to use this.

-2D and 1D versions: what are the (common, different) features of each? 2D must be transient.

-Transient version: easy way to generate/import the files that you want? Time, space need to be consistent.

- How does model deal with depth past close off? Does it just advect down as it should?

- everything should be one file. 1D and 2D could be separate.

-table describing every variable

-go through and double check Ed’s code vs. patankar. Was there a minus sign somewhere?

-double close-off depths?

-potentially need more differentiation between model time and observation time for transient. Does the model time need to correspond to times from the density files?

-make the timing of the step change configureable.

-make the step change option alterable: ramp, etc.

**Things to add to .json file:**

ad\_method

diffusivity choice