Pipes and set up stack

Pipes:

If a pipe no longer has a reader, a `write` call should return an error.
If a pipe no longer has a writer and the buffer is empty, a `read` should return a 0.

What can `read` return if the pipe no longer has a writer, but the buffer has data?

Imagine a reader of a pipe is sleeping, waiting for the writer to write some data and wake them up.

What should happen if write end closes while the reader is sleeping?

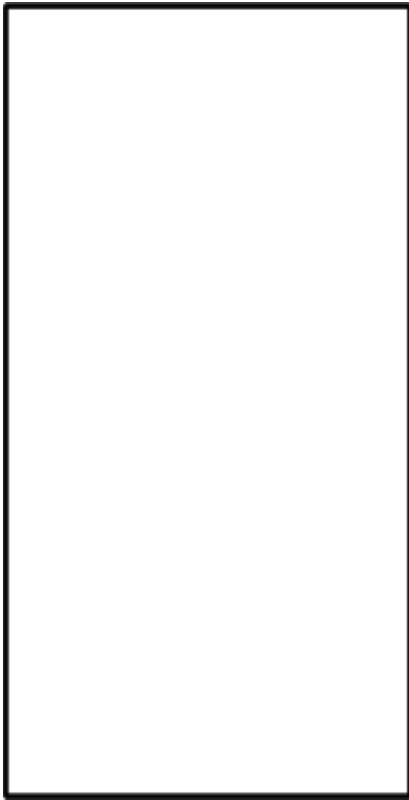Does the reader sleep forever? If not, what should it return when it wakes up?

When can you clean up a pipe (buffer, allocated struct)?

Pipes and set up stack

Set up stack:

When creating the user stack in osv, what should the stack pointer (rsp) start at?

What does the virtual address space stack look like after the following call?**:**
```
spawn("cat cat.txt");
```

What is argc, argv and stack pointer?