

# Special Problem 14

Name \_\_\_\_\_

1. Complete one of the following (1a-1c):

Option #1a: Deepwater Horizon Blowout: From the following safety video, draw a simple diagram of the well, available measurements to detect gas influx, and any potential measures that could predict and prevent blowouts. CSB Video: <http://youtu.be/FCVCOWejlag>



Option #1b: T2 Laboratories: From the following safety video, draw a simple diagram of this batch reactor, cooling jacket, and burst disk. CSB Video: <http://youtu.be/C561PCq5E1g>



Option #1c: View a CSB Video on a Safety Accident Investigation. Draw a diagram of the system and suggest a potential measurement or control system modification that could improve future designs.

2. Please recommend one type of control and at least one safety modification (draw these on your diagram).