



video transcript

## Day in the Life: Process Control Engineer

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When I was a kid, I used to make radios out of potatoes. I would take apart all sorts of things and then kind of attempt to get them back together but not always successfully. My name is Kaylin Buscovich, and I'm a process control engineer at Chevron in Houston, Texas.

Crude oil just doesn't pop out of the ground. There's a lot of time, effort and technology that is attached to that. And really what I do is I make sure that the computer systems are operating at their best. On every single facility that Chevron operates, we have a variety of different types of computers that help control the process. Everything from pressure temperature, flow rates, composition, valve positions. That way every time the pressure goes up, that valve opens. Every time that temperature goes down, another valve opens to heat it back up. I look at it as helping operations make their jobs as easy as possible so that they can operate as safely, reliably and profitably as possible.

In our crude processing areas we'll frequently get slugging which causes the facility to close off production. You can watch in real time that that was happening, give them additional parameters, and prevent shut-ins. That's my favorite portion of my job, is that kind of immediate gratification of helping a facility now. Because the facilities are there, they're physically there and you have to maintain them through their life.

We're constantly trying something new and my colleagues always surprise me. And having people who are passionate about what they do, it really makes the difference. I've done something that has either improved someone else's job, or I can tie it to a gain in safety, a gain in reliability, it's very tangible. So for me personally that's always a nice thing to go "yeah, I did something today."

