

1 A. That's right.

2 Q. Okay. And the base Keystone Pipeline has leaked.

3 A. There's been 14 minor leaks in the first year of
4 operation I think you're referring to at the pump
5 stations. And those are associated with small diameter
6 fittings and seals. Not the pipe itself.

7 And in total, 450 barrels of crude oil has leaked
8 from the system. Of that, 400 were in one particular
9 incident.

10 Q. At Ludden?

11 A. Ludden Pump Station but --

12 Q. 400 barrels?

13 A. Can I finish?

14 Q. Well, I don't know. It depends on what you want to
15 say.

16 A. And the -- all of those leaks, as I said, was at
17 pump stations, and the pump stations have a dike to
18 contain any problems we've had, any crude oil that's
19 released.

20 And since that first year of operation, we modified
21 our preventative maintenance plans, and we haven't had
22 any significant leaks since then.

23 Q. Most of the leaks that occur in pipelines, they do
24 occur at pump stations, don't they?

25 A. Well, I think there's generally more leaks at pump