The Three Sides of Every Story

“There are three sides to every story: your side, my side, and the truth. And no one is lying. Memories shared serve each differently.”

-Robert Evans, film producer
Memories Shared

- What spill stories do you remember the most?
- The least?
- Should we be focusing on the root causes of some events more than others?
Fix it by first understanding the risk

- Lagging and Leading Indicators: more than just words
- How do we get from the story to the event?
Three Sides of, well... everything!

- Not exercising regularly
  - Hazard
  - Making a cup of coffee
  - Threat
  - Consequence

- Driving a car
- Water skiing

- Dropping your child off at school
The “H-T-Cs” of Driving A Car
Advantages of a Barrier-based Approach

1: Effectiveness
2: Evolution
   - What H-T-Cs were present:
     - Before the event?
     - During?
     - After?
3: Tangible and Documented

Does part of your root cause process include awareness of all possible H-T-Cs?
#1: Effectiveness

Quantify Mitigation

“New” Threats

Work Contribution
Work Contribution

Barriers to Threats and Consequences!

Can you identify the barriers your team’s work efforts fortify?
#2: Evolution

FAILURE

IMPACT

CLEANUP
Spill Model: Knowledge is the Advantage
Weather and Outside Forces
Emergency Response Capability

Updates and increased resolution = Relevant and increased understanding
Thank you

Jack Van Schenck
Explorer Pipeline Company
jvs@expl.com
Risk Threat Modeling

**Threats**

**Barriers** to eliminate and prevent threats of hazardous event

**Hazard**

**Consequences**

**Barriers** to control consequences and effects

**Causes**

**Top Event**

**Effects**