



Well Control & Incident Management Workshop

May 19, 2016

7.5 Professional Development Hours (PDH) available!

The Marcellus Shale Coalition's Health and Safety Committee and Drilling, Completions, Well Site Facilities and Production Committee are pleased to offer a Well Control and Incident Management Workshop. This workshop is geared towards oil and gas industry professionals involved in emergency response and response planning and builds upon last year's 2015 workshop with new material and a review of key lessons from the prior year.

This interactive workshop will offer participants the opportunity to experience the complexities of managing a well control incident and to gain practical knowledge in the oversight processes necessary to successfully manage a potentially catastrophic event. Each participant will gain a better understanding of the response requirements needed to effectively coordinate and support the response activities during an unconventional oil and gas well emergency.

The program will include facilitated interactive discussions, case studies from Marcellus and Utica Shale based incidents and Q&A opportunities with recognized experts in this field. Visual aids from actual incidents will be utilized to review and discuss effective management processes and breakout sessions will allow detailed discussion in a smaller group setting.

Agenda *(Please see session descriptions on reverse)*

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| 7:30 - 8:00 am | Registration and Breakfast |
| 8:00 – 9:30 am | Managing a Well Control Incident – Part I: Command & Control - The Critical First Steps Casey Davis, Vice President, HSE Services Group, Wild Well Control |
| 9:30 – 9:45 am | Networking Break |
| 9:45 – 10:30 am | Managing a Well Control Incident – Part II: Strategies & Tactics for Urban Interface Environments Casey Davis, Vice President, HSE Services Group, Wild Well Control |
| 10:30 – 11:45 am | Coordinating Pollution Response and Animal Evacuation During Well Control Operations and Incidents Todd Johnson, Sr. Environmental Advisor, HSE Services Group, Wild Well Control Elizabeth Santini, DVM, Veterinary Medical Field Officer, Pennsylvania Department of Agriculture |
| 11:45 am – 12:45 pm | Lunch |
| 12:45 – 1:45 pm | Industry Perspective: Lessons Learned Brent Powell, Safety Director, Triad Hunter LLC |
| 1:45 – 2:00 pm | Networking Break |
| 2:00 – 3:30 pm | Breakout Session: Drilling & Completions Joe Frantz, Vice President Engineering Technology, Range Resources (Moderator) Luke Beebe, Drilling Manager, Consol Energy Jacob Caplan, Manager, Completions, EQT Production Company Chris Church, Completions Manager, CONSOL Energy Josh Doak, Drilling Engineering Manager, Range Resources James Helmick, Vice President, Completions, EQT Production Company Derek Yanchak, Completions Engineer II, Range Resources |
| 3:30 – 3:45 pm | Breakout Session: Environmental, Health & Safety (Under development) Doug Mehan, Director Health, Environmental & Safety, PennEnergy Resources, LLC (Moderator) Stacey A. Lucas, Vice President, Health Safety and Environment, Mountaineer Keystone |
| 3:45 – 4:15 pm | Break Wrap up and Q&A |

Register *(deadline: May 16)*

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| MSC Member: | \$250 |
| MSC Member Group Rate*: | \$225 |
| Non-Member: | \$300 |
| Non-Member Group Rate*: | \$275 |
| <i>(*Receive discounted rate per attendee when registering four or more attendees from one company)</i> | |

To register: <http://16wellcontrol.eventbrite.com>
Admission fees are non-refundable. Substitutions accepted.

Location

Hilton Garden Inn
1000 Corporate Drive
Canonsburg, PA 15317

A block of rooms has been reserved under the Marcellus Shale Coalition on a first-come, first-served basis. Please call (724) 743-5000 to make a reservation.

Well Control & Incident Management Workshop Descriptions

Managing a Well Control Incident Part I: Command & Control – The Critical First Steps

This session will cover the first critical actions all Operators should be able to execute during the initial response phases of a Marcellus well control emergency. The lecture will include fundamentals of urban interface incident management and discuss actual response scenarios with photos, including situations which have occurred in the last 36 months. Lastly, industry best practices from other unconventional O&G regions will be discussed where internal pre-planning resulted in exemplary responses. The case study will setup the following three lectures which will go into greater tactical detail for critical support functions.

Casey Davis, Vice President HSE Service Group, Wild Well Control

Managing a Well Control Incident Part II: Strategies & Tactics for Urban Interface Environments

This session offers O&G professionals the opportunity to experience the complexities of managing a well control incident and to gain practical knowledge in the oversight processes necessary to manage a potentially catastrophic event. Each participant will gain a better understanding of the strategic & tactical requirements necessary to effectively coordinate and support the response activities in an urban interface well control environment. Lastly, the interaction of O&G Operators and local first responders on well control incidents will be discussed specific to Marcellus based incidents.

Casey Davis, Vice President, HSE Services Group, Wild Well Control

Coordinating Pollution Response and Animal Evacuation During Well Control Operations and Incidents

This session will cover the tactical requirements to identify hazards, control escalation & effectively mitigate onsite and offsite pollution events during well control incidents. The lecture will cover the primary elements of hot-zone source control activities, pollution vector control and post capping pollution clean-up and restoration. Additionally, the evacuation considerations for domesticated animals, livestock and service animals will be covered. The case study will depict the decision making process of shelter-in place versus evacuation, decontamination, euthanasia and animal repatriation after well control operation are completed.

Todd Johnson, Sr. Environmental Advisor, HSE Services Group, Wild Well Control

Brad Garfield, Sr. Environmental Advisor, HSE Services Group, Wild Well Control

Elizabeth Santini, DVM, Veterinary Medical Field Officer, Pennsylvania Department of Agriculture

Industry Perspective: Lessons Learned

Triad Hunter will provide a summary of well control incident table top exercises while highlighting technical lessons learned, interactions with regulatory agencies and emergency officials, and how this helped redefine internal plans and protocols. In addition, they will highlight a number of issues related to incident planning such as, unified command, evacuation, traffic control, managing media expectations, and well control operations.

Brent Powell, Safety Director, Triad Hunter LLC

Breakout Sessions: Scenario Based Learning Activities

1. *Drilling & Completions – Downhole Lessons Learned*

This breakout session will focus on detailed examples highlighting safety aspects of drilling and completions. In addition, there will be an interactive discussion on basic planning for both Marcellus and Utica, post drilling, and post hydraulic fracturing.

Joe Frantz, VP Engineering Technology, Range Resources (Moderator) | **Rodney Archibeque**, Operations Engineering Manager, Range Resources | **Luke Beebe**, Drilling Manager, Consol Energy | **Jacob Caplan**, Manager, Completions, EQT Production Company | **Chris Church**, Completions Manager, CONSOL Energy | **James Helmick**, Vice President, Completions, EQT Production Company | **Don Robinson**, Vice President Drilling, Range Resources

2. *Health, Environmental, Safety and Compliance – Planning and Executing Health and Safety Plans*

This breakout session will focus on identifying potential gaps in the planning and execution of well safety plans utilizing real examples. With this as the backdrop, an interactive discussion will be developed following a line of talking points and questions related to the safety plans, operations, local responders, geographic operations, sound controls, and other perspectives of HSE professionals.

Doug Mehan, Director Health, Environmental & Safety, PennEnergy Resources LLC (Moderator) |

Stacey A. Lucas, Vice President, Health Safety and Environment, Mountaineer Keystone

Wrap up

Wild Well Control will conduct a short wrap up session with attendees to discuss lessons learned related to the incident case studies session.

