

Oil & Gas Emergencies Work Shop

Presented by the Weld County Fire
Training Officers Association



October 5-6, 2019 Saturday & Sunday

Class Times : 0800-1600 Saturday,
0900-1500 Sunday

Location: Fort Lupton Fire

2999 9th street Ft Lupton

TARGET AUDIENCE:

- ♦ Fire Rescue personnel who are likely to command the first response through extended attack and major incidents.

COURSE OBJECTIVES:

- ♦ Safety-Conduct a classroom and field training exercise of the following topics while maintaining the safety of all personnel and the public. (See Reverse for syllabus)
- ♦ Review Tactical Decision Making Processes and use of Tactical Response Plan (TRP Card) for Emergency Responses to O&G Operations.
- ♦ Considerations for response to Drilling, Development, & Production Units
- ♦ Considerations for response to Large Storage, Mid Stream and Injection Facilities
- ♦ Foam Dynamics and Water Supply Considerations.



RSVP

Phone: 970-545-0681

E-mail: Tori.McMechan@galetonfireprotectiondistrict.org

WCFTO – O&G Emergencies Workshop

Day-1

0800 – Introductions

0830 – FERC O&G 101

1000 – Review of Weld County O&G Incidents After Action Reports

1130 – Lunch (provided)

1230 – Foam 101

- Physical Properties of Foam

 - Foam Types

 - Suppression

 - Spread & Seal

 - Drain-out

- How to Make Foam

 - Expansion Ratios & Aeration

 - In-line Eductors

 - Self-Educting Nozzles

 - Around-the –Pump Eductors

 - Batch Mixing

- Limitations of foam, 2D, 3D

- Application rates/logistics of foam and water

 - Small to big

 - Re-applications

- When to start

- Demob & Decon

- DEMONSTRATION

1600 – End of Day-1

Day-2

0900 – Fixed Facilities

- AST's Large Bulk Storage

 - Rim seals

 - Halo's

- Full Surface

 - Exposures

- ICS considerations

1000 – Fixed Field Storage Tanks (battery)

1030 – Deep Well Injection Sites

1130 – Lunch (provided)

1230 – Water Supply demonstration

- Water shuttle

 - Tenders & commercial haulers

- Frac tank trailer manifold

 - Relay pumping

1500 – Debrief, Evaluations, Dismissal