

How much does it cost to clean up a mess??

- San Bruno gas explosion
 - \$1.6 billion penalty
- Pegasus pipeline (AR)
 - 5,000 barrels of oil spilled
 - 12,855 tons of contaminated debris
 - 1.1 million gallons of oil and water to dispose of
 - \$5.5-21.5 million in penalties
- How long does it take to get well control contractors here?





Front Range Emergency Resources Cooperative (FRERC) – An Industry Solution to Response Preparedness & Working with Local Responders



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What is FRERC



- The name of the non-profit Organization is the Front Range Emergency Resources Co-Op (FRERC)
- Created pursuant Articles 121 to 137 of The Colorado Revised Non-Profit Corporation Act.



Primary Purpose



- Share response resources and abilities among members and to provide support to members in the event of an emergency in the DJ Basin
- Proactive, non-regulatory initiative by industry (oil and gas operators, railroad, pipeline companies, mid stream operators) to earn social license to operate by improving response preparedness and readiness
- Mutual aid support may include, but not limited to, sharing equipment, and additional Incident Management Team Members to provide more depth to sustain 24 hour operations until appropriate Member technical specialists and management team arrive.
- NOT a response organization, nor does it accept authority or responsibilities on behalf of the Members. Members are solely responsible for managing and directing activities and resources responding to emergency events.



Member Types



- **Industry Member.**

- A company owning or operating one or more facilities, or operating by rail, pipeline, or road within DJ Basin region
- Other areas defined by FRERC in the production, transportation, or handling of oil and gas.
- Can also be a 3rd Party company owning or operating wells or facilities as part of joint ownership
 - Anadarko Petroleum Corporation, Noble Energy, Encana, Extraction Oil & Gas, BNSF

- **Government Member.** A governmental agency, fire department, or local law enforcement group that has jurisdiction within the above mentioned regions or State.

- Weld County ER Manager – Roy Rudisill
- 26 Fire Departments participating
- State of Colorado Police HAZMAT
- EPA FOSCs
- Holds 4 Board positions



Scope



- **Response Resource Tracking.**
 - Create and maintain a list of critical available resources owned by FRERC, government agencies or other private sector response organizations
 - Provide a more efficient and effective response during large scale emergencies
 - No Member shall receive any compensation, but may receive reimbursement for its expenses incurred in responding to emergency situations
- **Mutual Aid.**
 - Members will assist other Members who request support to sustain first response operations until incident operator's management team arrives.
 - Each company participating in this plan must reserve manpower, material, and equipment for its own protection before releases can be made in an emergency.
 - No Member is obligated to commit manpower and equipment.
 - At a minimum, each Member will provide its own Incident Commander and Safety Officer.
 - Government agencies commits and releases resources under authority for public health and safety especially if multiple events occur at same time



Scope



- **First Responder Training.**

- Includes, but not limited to, conducting First Responder Awareness training to local responders who are Members of the Local Emergency Planning Committees (LEPCs)
- All expense – paid training scholarships
- Noble Energy shares oil and gas training facility for local responders

- **Best Practices.**

- Identify, coordinate and establish Best Practices and adopted standards among Members to provide a better efficiency and consistency when integrating diverse groups into a single response system
- Provide better compatibility with equipment from different sources.
- Activation of Member resources will follow a consistent process among Members.
- Examples of Best Practices shared among member may include, but not be limited to, facility tactical fire firefighting plans and geographic spill response plans



Scope



- **FERC Owned/Leased Equipment.**
 - Needed to improve response time to incidents in the DJ Basin region.
 - Focus: fire-fighting equipment that can be used for both industrial and public safety
 - Commenced a gap analysis to identify what is located in Wattenberg area and identify equipment needed before purchasing equipment
 - Equipment not intended for specific fire departments or entities, but equipment that will have shared and equal access by all parties
 - Stored equipment may be in one-several locations based on risks and response times
 - Provide training to First Responders on use of equipment
 - FRERC will be responsible for all maintenance costs



Noble Training Center



- Owned and operated by Noble Energy
- Located in Greeley, CO
- Offers a simulated well site to educate oil field and first responders
- Stakeholders and local First Responders introduced to well site basic operations





Industry Member Requirements



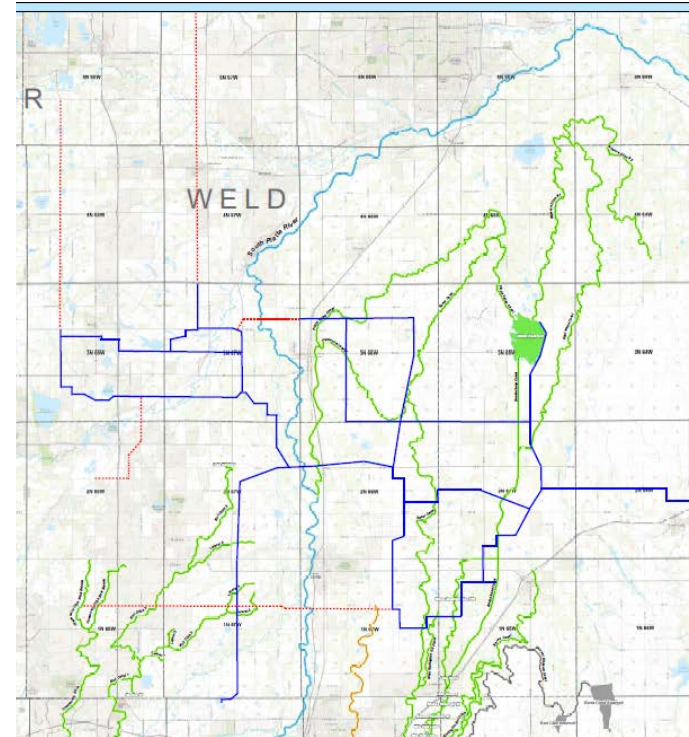
- Written emergency response plan which, as a minimum, must contain the elements outlined in 29 CFR 1910.120(q)(2)
- Adequate communications equipment and procedures
- Any special protective equipment or response equipment
- Minimum standards for specific types of site locations must be capable of extinguishing fire at the incipient stage as per NFPA 101
- Anadarko Water on Demand system available to members



Anadarko Water On Supply System



- Deliver water at 200 bbl/min (5400 gals/min).
- Pressure Range from 20-200 psi
- Sections normally active to supply Anadarko operations.
- Approx. 2 hydrate/stub out boxes per mile
- Stub out on both sides of road.
- Flanged 10" connection





Joint Training and Exercises



- FRERC promotes joint training with local responders
- EnCana leads “gold” standard with actively training local responders
- Local sponsor for Smalley Foundation training
 - Since 2002, dedicated to education and training rural fire fighters in pipeline emergency protocol
 - More than 40 states support program





First Responder Rodeo



- Held on 18 September, 2015, at Ft. Lupton Fire District Station
- Purpose: to educate and share information on resources among first responders
- 74 attendees from 31 different companies/agencies
 - 7 oil and gas operators
 - 14 government agencies including EPA and State of CO HAZMAT
 - 2 railroad companies
 - 1 pipeline operator
 - 10 vendors





EPA boom training



- EPA held boom training for 25 local First Responders on South Platte River





Assistance to Non-Members



- Chairman may release any or all equipment to a non-member experiencing an incident requiring the use of owned or rented by FRERC for no more than seventy - two (72) hours within the FRERC operating area.
 - The Non-Member must sign an indemnification and agreement of rates with a commitment to return all equipment in same condition received
 - replace all consumables items within five (5) work days of the end of the response.
 - The Chairman will initiate an emergency meeting to all Board Members to report the release of equipment within the above mentioned time limitations.
- The rental equipment fees will be waived only if
 - the non-member joins and pays a full calendar year FRERC membership fee, plus an
 - initiation fee within thirty (30) calendar days of the return of the equipment.
- The use of the equipment outside the FRERC operating will require approval of two-thirds (2/3) majority vote from Board Members.



Board Members



- Chairperson – Mike Drieu (Anadarko)
- First Vice-Chairman/Treasurer – Joel Conwell (Noble Energy)
- Second Vice-Chairman/Secretary – Dominic Winslow (BNSF)
- Oil & Gas Operations Representatives (4) – Extraction Oil & Gas, Encana,
- Midstream Facilities Representatives (2)
- Pipeline Operations Representatives (2) – API Pipeline Response Committee
- Railroad Operations Representatives (2) - BNSF
- Government Agency Members (4) – Roy Rudisill (Weld County Emergency Manager), Keith Long (MVFR), Taw Tomlin (FLFPD), Tim Maestas (CO State HAZMAT)
- 1 year terms



Other Provisions



- FRERC can vote to form Special Committees
 - Voted for a Training Committee in March 2015
- Requirements for Insurance
- Guidance for suspension or revocation of members
- Guidance for arbitration and reimbursement for costs
- Dues structure
 - One set of dues for response tracking, First Response training, Mutual aid, Best practices
 - Second dues for equipment sets
- Funding sources
 - Grants or donations from groups who are affected by risks in the area (e.g. service companies)



Benefits of Joining



- Ensure accurate and timely information (operator name, contact numbers) for oil and gas facility/well site locations
 - CO State HAZMAT and local Fire Departments have several successes from knowing who to call during emergencies
- Attendance at First Responder Rodeo to educate First Responders on resources available in the area
 - Over 20 agencies or companies showing spill response, fire fighting, well control, HAZMAT or air monitoring resources or capabilities
- EPA training to First Responders
- Inventory of fire fighting and spill equipment in the Co-op area
- Building shared best practices for planning and exercises
- Cost sharing – operators, fire departments and Weld County OEM host monthly meetings
- Building relationships with First Responders before an incident occurs



Questions



Contact FRERC

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