



HYDRAULIC FRACTURING

BAKKEN SAFETY TOUR | 2016
AUGUST 31 - SEPTEMBER 2

Rick Ingram

Chairperson; NSTEPS (National Service, Transmission,
Exploration and Production Safety) Network

Health and Safety Advisor; BP America

UNITED STATES

National STEPS Network

OSHA/NIOSH/National STEPS Network Alliance

Service, Transmission, Exploration and Production Safety Network

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02/22/2016



National STEPS Network

*Founded in
2003
All Volunteer
Umbrella Org.*

*Members:
Operators,
Contractors,
OSHA, NIOSH,
API, IADC,
AESC, IPAA,
Educators.
others
Template for
any industry*

Vision Statement: "Incident Free Operations"
Focus: "The Boots on the Ground"

Methods:
"Foster a work environment based upon mutual respect and trust" to:

- * Collaborate
- * Research
- * Standardize
- * Simplify
- * Educate
- * COMMUNICATE

"Focus on the Boot"

www.nationalstepsnetwork.com

TLoH, OF...



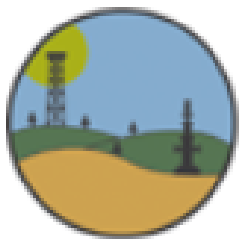
Safe Land USA™



- First STEPS Initiative
- Envisioned as the first tier of a three-tier program
- Operator Driven
- Photo ID cards are issued to students, similar to the contractor safety councils, and listed in a national searchable data base.
- Over 940,000 students have been through orientation to date since January, 2010.

...We were told that this would never work.





Safe Land USA™



Tier Two:

- OSHA 5810 – Hazards Recognition and Standards for On-Shore O&G Exploration and Production

Tier Three:

- Leadership Course for Oil and Gas Leaders



National STEPS Network OSHA/NIOSH National Alliance

December 2, 2014

Renewing on Nov. 29, 2016





- OSHA, NIOSH, National STEPS Network Alliance
 - Operators, Contractors, Service Companies, Educators, OSHA Education Centers with support from Trade Associations including AESC, API, IADC, IPAA, PEC, and others.
- Formalizes ongoing initiatives
- Emerging Issues Focus Group
 - Respirable Crystalline Silica
 - Tank Gauging
 - Other issues
- Silica Data Project with OSHA/NIOSH/BV
- Ebola Alert
- Tank Gauging Alert





RCS Focus Group

- Formed May 24, 2012
- Industry, OSHA, NIOSH, API, AESC, OSHA Ed. Centers
- 120 (+) US & Canadian active members
- Three work Groups:
 - Industrial Hygiene Monitoring
 - Engineering Controls
 - Communication

Emerging Issues FG

- RCS, Tank Gauging, NORM, Diesel Particulates
- **Next Meeting: Sept. 2016**



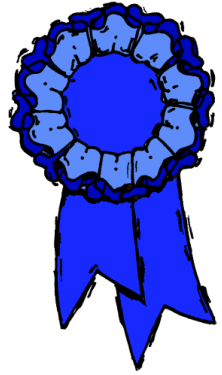
Values and Priorities: Protect Workers

- Personal Safety and Chronic Disease
- Science and Technology is improving exponentially
- Safety and Health improvement is slow to change.
- Pockets of Excellence – We know it is possible.
- We work from the field up with OSHA
- STEPS brings the industry and regulators together
- Share incidents, best practices and reg. changes
- Understand trends and take quick action
 - Currently preparing for an increase in production

Ronnie's Story



Congratulations from your South Texas Family On 36+ years of faithful service.



Then, Two months Later...



- Dad
- What are others teaching our children?
- What are we teaching our children and grandchildren?
- What will be our legacy? This is all up to us.

Links:

- <http://www.nationalstepsnetwork.com>
- <http://www.safelandusa.org/>
- <http://www.oshasafetyconference.org/>
- www.oshastanddown.org
- [**www.rmecosha.com/5810.aspx**](http://www.rmecosha.com/5810.aspx)
- [**www.cdc.gov/niosh/nora/councils/oilgas**](http://www.cdc.gov/niosh/nora/councils/oilgas)



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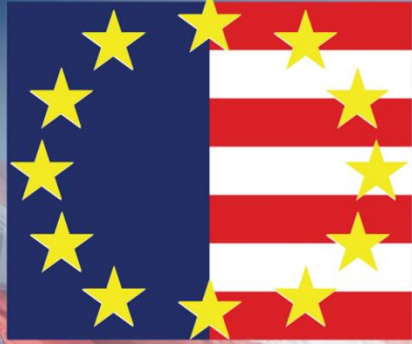
Thanks!!

- All industry speakers, sponsors, volunteers and attendees
- OSHA: Eleanor Gill, Jennifer Kole, Greg Baxter and Eric Brooks
- NIOSH: Kyla Retzer and John Snawder
- API: Erik Milito
- Our new colleagues from the UK:
 - Paul, Craig, Tony and Mark
- MONDAK Safety Network members
- Eric and Svetlana Genet



All of our employers for allowing us time ..

JOINT US/EU



**CONFERENCE ON HEALTH
AND SAFETY AT WORK**

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