

Oilfield Explosives Safety & Security Forum

*An Industry-wide Information Exchange
Policies, Procedures, Practices and Technologies*

Wednesday, February 23, 2005: 8:00 AM – 5:00 PM
Thursday, February 24, 2005: 8:00 AM – 4:00 PM

Marathon Oil Tower Auditorium, 5555 San Felipe, Houston, TX
Hosted by: Marathon Oil Corporation - Technology Organization

8:00 – 8:30 Coffee / Social

8:30

Phil Snider Marathon Oil Corporation

Opening Comments, Introduction, and Building Safety

- Anti-trust guidelines and policies refresher
- Revisions to the Agenda and Topic Order
- Forum Ground Rules and How to Join the “Cheap-Shot Club”

Dan Sullenbarger, VP Health, Environment, and Safety - Marathon Oil Corporation

Welcome

9:15-9:40

Jim Brooks Consultant (retired from Schlumberger - Houston)

- A brief review of past known accidents and information accumulated in Forum I.
- A discussion of the wall display to be updated by attendees during Forum II.
- Rumors and facts of recent incidents. Analysis of what this information says.

9:40-10:10

Dave Metcalfe Explosives Limited - Calgary

- Review of the Canadian Blasters Training Program and the significant differences versus U.S. requirements.

Break until 10:30

10:30-11:00

Duane Fairhurst Expro Group Ltd. – Calgary

Lorne Hyvonen Precison Wireline – Calgary

Revisions in Canada due to the “Code of Practices”

- **Fairhurst:** Blast walls, load shops, blast overpressure modeling, and distances for offices and other personnel. Update on the status of Canadian “Factory License” requirements for Gun Loading
- **Hyvonen:** Transportation, security, and other mandated tasks

11:00-11:30

Group Open Discussion

Facilitated by: Nathan Clark – GEODynamics, Inc. – Ft. Worth

“What changes in safety and security practices have been implemented at shaped charge manufacturing plants”? (Detonators, security, witnessed tests, cell phone usage, fire considerations, storage, etc).

11:30-12:00

Stan Wall

Consultant - Houston

TCP Drop Bars in Dry Wells: What safety systems are being employed, if any?
What is being used in the field?

Lunch 12:00-1:00

1:00-1:30

Dave Metcalfe

Explosives Limited - Calgary

Canada’s Gun Drop Studies and Results

1:30-2:00

Open Discussion

Facilitated by: Phil Snider Marathon Oil Corporation - Houston

TCP Incidents and Issues

Should safety spacers be mandatory onshore?

2:00-2:30

Open Discussion

Facilitated by: Dave Underdown Chevron Texaco – Houston

Training and Refresher Training Practices and Materials: Operators, Shaped Charge Manufacturers, and Service Companies approaches

Break

3:00-3:30

Tom Smylie

Orica Australia Ltd. – Down Under

New Safe and Secure detonators for the Industry’s consideration

3:30-4:00

Lorne Hyvonen

Precision Wireline – Calgary

Review of a slickline firing head incident on a Precision Drilling Rig in Canada

4:00-4:30

David Wesson

GEODynamics – Fort Worth

Results of a technical review of slickline firing head safety and training practices

End of Day One Wrap-up

**Day Two February 24
8:30 – 9:00**

Matt Bell

Shell – Houston

Differences in Policies and Procedures between companies when dealing with HMX and phase change

9:00-9:30

Dave Liedel

Halliburton – Alvarado

Risk-based explosive safety analysis software

9:30-10:00

Bob Ference

Schlumberger – Rosharon

Benefits of incorporating Failure Design Analysis

Break

10:30-11:00

David Wesson

GeoDynamics – Ft. Worth

Propellants - Safety and Shipping

11:00-11:30

Dan Pratt

Owen Oil Tools – Fort Worth

API Explosive Safety Committee Chair

Recommended Revisions to the RP 67 Document

11:30-12:00

Phil Snider

Marathon Oil Corporation - Houston

“It sounds good here, it’s not happening in the real world”. Quit kidding yourselves.
What can be done in terms of audits and improvements? Operator Training

Lunch

1:00-1:30

Jim Brooks

Consultant (retired from Schlumberger - Houston)

Facilitation of group discussion on additional known incidents added to the wall displays.

1:30-2:00

Open Discussion

Facilitated by: Craig Beveridge Owen Oil Tools - West Virginia

Other Security Topics and Issues (shops, transportation)

Break

2:15-3:00

Open Discussion

**Facilitated by: Chip Levine Baker Atlas – Grand Prairie
Dave Metcalfe Explosives Limited - Calgary**

Facilitation of group discussion on what the forum attendees can do in terms of dissemination of information on near misses and incidents in the future, with the assistance from Dave Metcalfe as to what is currently done in Canada.

Added Topics:

Recommended Action Items for Industry Consideration:

Wrap –up.

End: 4:00 PM Thursday, February 24th, 2005