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  Precision 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