Breakout Session – Managing Large Numbers of Shale Gas Wells

Tuesday 21 February, 2:30-3:45 PM
Plaza Ballroom F
Kees Veeken (NAM) & Ashan Garusinghe (SCAN)
Info & Questions

• Shale gas developments – very large numbers of wells all requiring gas well deliquification
• How do you maximize production effectively i.e. How do you manage critical workload efficiently?
• Exception based surveillance (EBS)?
• Data infrastructure & availability?
• EBS tool requirements & availability?
• EBS model operating envelopes & alarms?
• Ashan presented ways of working in Groundbirch (Canada) which were used as starting point for discussion

• Every production engineer typically needs to manage hundreds of wells

• Experience level of staff is on average low; use is made of SOP’s to increase efficiency and to control quality

• Competition for resources exists between constructing new wells and maintaining old wells; integrated activity planning can help “protect” base load activities
Presentation & Discussion [2]

- All companies have some kind of EBS system to identify bad actors / top losses / out of range wells
- No single tool (yet) exists that meets the needs of operators; tools like PI for data analysis and SharePoint for tracking progress are quite commonly used
- Participants would like to table this critical issue again next year and, if possible, hold dedicated session
Copyright

Rights to this presentation are owned by the company(ies) and/or author(s) listed on the title page. By submitting this presentation to the Gas Well Deliquification Workshop, they grant to the Workshop, the Artificial Lift Research and Development Council (ALRDC), and the Southwestern Petroleum Short Course (SWPSC), rights to:

- Display the presentation at the Workshop.
- Place it on the www.alrdc.com web site, with access to the site to be as directed by the Workshop Steering Committee.
- Place it on a CD for distribution and/or sale as directed by the Workshop Steering Committee.

Other use of this presentation is prohibited without the expressed written permission of the author(s). The owner company(ies) and/or author(s) may publish this material in other journals or magazines if they refer to the Gas Well Deliquification Workshop where it was first presented.
Disclaimer

The following disclaimer shall be included as the last page of a Technical Presentation or Continuing Education Course. A similar disclaimer is included on the front page of the Gas Well Deliquification Web Site.

The Artificial Lift Research and Development Council and its officers and trustees, and the Gas Well Deliquification Workshop Steering Committee members, and their supporting organizations and companies (here-in-after referred to as the Sponsoring Organizations), and the author(s) of this Technical Presentation or Continuing Education Training Course and their company(ies), provide this presentation and/or training material at the Gas Well Deliquification Workshop "as is" without any warranty of any kind, express or implied, as to the accuracy of the information or the products or services referred to by any presenter (in so far as such warranties may be excluded under any relevant law) and these members and their companies will not be liable for unlawful actions and any losses or damage that may result from use of any presentation as a consequence of any inaccuracies in, or any omission from, the information which therein may be contained.

The views, opinions, and conclusions expressed in these presentations and/or training materials are those of the author and not necessarily those of the Sponsoring Organizations. The author is solely responsible for the content of the materials.

The Sponsoring Organizations cannot and do not warrant the accuracy of these documents beyond the source documents, although we do make every attempt to work from authoritative sources. The Sponsoring Organizations provide these presentations and/or training materials as a service. The Sponsoring Organizations make no representations or warranties, express or implied, with respect to the presentations and/or training materials, or any part thereof, including any warranties of title, non-infringement of copyright or patent rights of others, merchantability, or fitness or suitability for any purpose.