

## Reservoir Monitoring Consortium Annual Review Meeting

University of Southern California (Room- RTH 325)

December 8, 2015

<b>8:00-8:15</b>	<b>Registration-Breakfast</b>	
<b>8:15-8:45</b>	<b>An Update on Reservoir Monitoring Consortium (RMC)</b>	<b>Fred Aminzadeh</b>
<b>8:45– 9:15</b>	<b>Rock Physics modeling to validate reservoir monitoring</b>	<b>Yesser HajNasser,</b>
<b>9:15 – 9:45</b>	<b>An update on the Analysis of In-Situ Stress in Hydraulic Fracturing</b>	<b>Ahmed Bubsheit (Aramco-USC)</b>
<b>9:45-10:15</b>	<b>The CO<sub>2</sub>-EOR Pilot in Texas</b>	<b>Arne Graue, University of Bergen, Norway</b>
<b>10:15 – 10:30</b>	<b>Coffee Break</b>	
<b>10:30 –10:55</b>	<b>Wellbore Monitoring for Kick Detection and Plans for Field Testing in a Saudi Aramco Field</b>	<b>Kelly Rose, NETL Hazza Otaibi , Aramco</b>
<b>10:55 -11:20</b>	<b>The role of drilling in reservoir monitoring, and the recent progress on real-time kick detection</b>	<b>Gerhard Thonhauser and Michael Prohaska</b> university of Leoben, Austria
<b>11:20- 11:45</b>	<b>Early Time Analysis of Hydraulic Fracturing Using Extended Finite Element Method</b>	<b>Arman K. Nejad, (USC-FracGeo)</b>
<b>11:45- 12:10</b>	<b>Assessing larger scale reservoir heterogeneity and permeability structure based on well flow rate cross-correlations</b>	<b>Thomas Goebel, University of California, Santa Cruz-USC</b>
<b>12:10 – 1:00</b>	<b>Lunch</b>	
<b>1:00 – 1:30</b>	<b>Fiber optics sensor to monitor reservoir changes and fluid movement</b>	<b>Andres Chavarria (Optasense)</b>
<b>1:30 – 2:00</b>	<b>An Overview of Life of Field SEG SEAM Project</b>	<b>Bill Barkhouse, SEG (formerly Exxon Mobil) Leon Thomsen, Delta Geophysics (formerly, BP)</b>
<b>2:00 – 2:30</b>	<b>A Geomechanical Approach for Microseismic Fracture Mapping: High Performance Computing Capabilities</b>	<b>Mehran Hosseini</b>
<b>2:30 – 2:45</b>	<b>Coffee Break</b>	
<b>2:45- 3:15</b>	<b>Visualization of diverse reservoir data integration and monitoring</b>	<b>Graham Brew, Dynamic Graphics</b>
<b>3:15- 4:15</b>	<b>Strategic and technical advisory board (STAB) meeting: discussion future research directions</b>	<b>Iraj Ershaghi</b>

<b>4:15- 4:45</b>	<b>Discussion/ Q&amp;A</b>	<b>All</b>
<b>4:45- 5:00</b>	<b>Finalizing the RMC Research Plans for 201502016 and Concluding Remarks</b>	<b>Fred Aminzadeh</b>