The integrated event for unconventional resource teams









20-22 JULY 2015 • SAN ANTONIO, TEXAS • HENRY B. GONZALEZ CONVENTION CENTER

Post-Show Report 2015



Highlights

Opening Plenary Session

Moderated by Mariano Gurfinkel, Hess Corporation **Panelists included:**

Adam Sieminski, Administrator, U.S. Energy Information Administration

Luis Giusti, Senior Advisor, Center for Strategic and International Studies

Tony Vaughn, Executive Vice President, Exploration and Production, Devon Energy Corporation





Executive Plenary Session

Moderated by Jeff Miller, Oakspring Energy **Panelists included**:

Manuj Nikhanj, Managing Director, Head of Energy Research, ITG

Peter Richter, Vice President of Strategic Development, Schlumberger

Barry Biggs, Vice President Onshore, Hess Corporation

(3) Three Interactive Panels

Opportunities and Challenges of Liquid Recovery From Tight Rock

Sweet Spotting - Isn't This Our Goal?

Operations and Production Challenges – Planning for Long-Term Production

(4) Four Topical Breakfasts

Energy for the Human Family – A View of Issues • Rev. Séamus P. Finn OMI, Director, Faith Consistent Investing, OIP Trust

Unconventional Resources and Unconventional People • Valerie Jochen. Technical Director in Production for Unconventional Resources, Schlumberger

Shale Plays: How Technology, Governments, Regulators, Academia and the Public Have Changed the World's Energy Supply and Demand Equation • Joseph H. Frantz, Jr., Vice President of Engineering Technology, Range Resources Corporation

Learnings and Lessons From Shale Exploration in a Tectonized Foreland Basin: Controls on Sweet Spot Development in the Duvernay Shale • Matthew Davis, Manager, Geosciences, Encana Services Company Ltd.

(6) Six Topical Luncheons

How to Make Money in a Low Oil Price Environment – Identifying Optimization Candidates From Producing Assets • David Anderson, Director of Anderson Thompson Reservoir Strategies, an NCS Multistage Business

Technology Innovation for Unconventionals — What Now? • Claudia J. Hackbarth, Manager, Unconventional Gas & Tight Oil R&D Shell International E&P Inc.

Extracting Value From Multiscale Imaging of Unconventional Reservoirs • Terri Olson, Technical Lead, Unconventional, FEI-Lithicon

Cause for Pause: Scientific Research on Hydraulic Fracturing Health Risks • Ann Alexander, Senior Attorney, Midwest Program, Natural Resources Defense Council (NRDC)

Diagnostic Fracture Injection Tests (DFITs): Benefits to Reservoir Characterization and Overall Field Development • Jennifer Miskimins, Senior Consulting Engineer, Barree & Associates

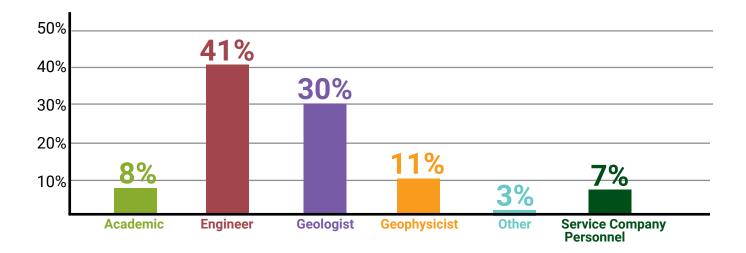
Risks to Globalization of Unconventional Plays • *D. Nathan Meehan, Senior Executive Advisor*



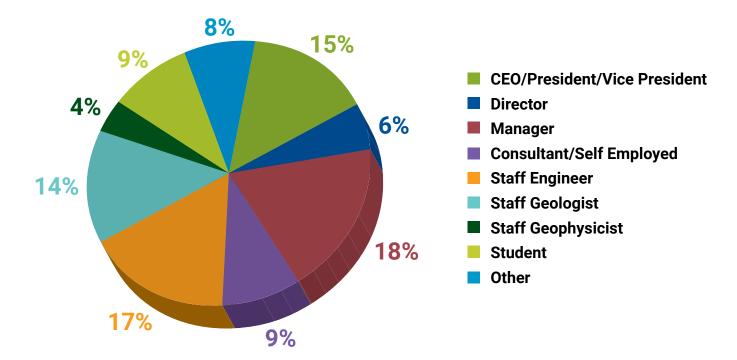
Attendee Overview Statistics

3, 317 Total Attendance (Excluding AAPG Staff and Contractors)

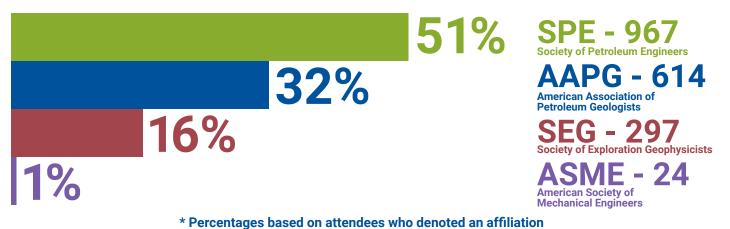
Attendance by Profession



Attendance by Job Title



Attendees by Membership Affiliation*



Geographical Attendance



Total Countries Represented

Percentage of non-US attendees

Top 10 Most Highly Represented Countries

- United States
- Canada

35

- United Kingdom
- Argentina
- China
- Chile
- Japan
- France
- Australia
- Saudi Arabia



- **Top 10 Most Highly Represented States**
- Texas
- Oklahoma
- Colorado
- California
- Utah
- Pennsylvania
- Montana
- Georgia

313

%

9

- Tennessee
- Louisiana

Unconventional Resources Technology Conference

Exhibitor List

199 Exhibitors • Exhibit NSF Sold - 43,400

3GIG, LP aclaro softworks, inc ALS Oil & Gas, Corpro **Empirica Logging** Anadarko Petroleum Corporation ARCADIS ASD Inc., PANalytical Bell Geospace Inc BHL Consulting Boedeker Plastics Inc. Bruker Corporation C & J Energy Services Calfrac Well Services Calsep. Inc. Canadian Discovery Canamera Coring Services Carl Zeiss Microscopy, LLC Certis Information Services. Inc. **CESI Chemical, A Flotek Company** CGG Chemostrat Chesapeake Energy Corporation **Chinook Consulting Services** Clean Chemistry Inc. Coil Solutions Inc. **Computer Modelling Group** Core Laboratories **D&L Oil Tools** Datalog LWT Inc. Dawson Geophysical Co. Devon Energy Corporation dGB Earth Sciences **Digital Drilling Data Systems Digital Formation Inc** DigitalGlobe

Dino-Lite Scopes (BigC) **Dolan Integration Group, LLC** Drill2Frac drillMap **Dynamic Graphics Inc** EGI - Energy & Geoscience Institute Encapso Enercat USA **Energy Careers Energy Navigator Energy Search Associates Entero Corporation** Enthought **Enventure Global Technology** ESG Solutions FairfieldNodal Fairmount Santrol **FEI Company** Ferus Field Geo Services Fluid Inclusion Technologies FRACGEO Gems & Crystals Unlimited GEO ExPro Geo-Link Inc Geologic Data Systems geoLOGIC systems Itd GeoMark Research **GeoMechanics Technologies** Geophysical Society of Houston GeoStabilization International GeoSteering LLC Geotrace Technologies Inc **Global Energy Management Program Global Geophysical Services Inc**



Unconventional Resources Technology Conference

Golder Associates Green Imaging Technologies Green River Stone Company Halliburton Energy Services Inc Hart Energy HM Cragg Horizon Well Logging, LLC Oklahoma Horizontal Solutions Int'l. Houston Geological Society **HRH Geology** Hydrocarbon Data Systems Inc iBall Instruments EOR Alliance c/o IFP Canada IHS Inc **IKON Mining & Exploration** Ikon Science Ltd IMaGE Impac Exploration Services Inflatable Packers International LLC Information Builders Infrastructure Networks Inc. Ingrain, Inc Intelligent Solutions Inc. Interfaces SA Interra Energy Services Ltd. Intertek Westport Technology Center ION iReservoir.com **ISOTech KAPPA North America Inc Kinemetrics Systems** King Canyon Buffalo Inc Linde LoneStar Geophysical Surveys Magnum Oil Tools McAda Fluids Heating Services Merrick Systems Micromeritics Instrument Corp. MicroSeismic Inc **MICRO-STRAT Inc** Moblize Mohawk Energy Mountain Supply and Service MUD Geochemical, Inc. NAPE Expo National Research Council of the National Academies Natural Creations NCS Energy Services, LLC Neuralog New England Research **OFI Testing Equipment Inc OGRE Systems Inc**

Oil & Gas Journal Oilaen Olympus Paladin Geological Services Pandell Performance Pulsation Control PES Enterprise Inc. PetroDE Petrolink PetroSkills Petrostreamz Americas Petrosys USA Inc PML Exploration Services LLC Praxair. Inc. Printrex by TransAct Protek Systems PTTC (Petroleum Technology Transfer Council) **RecyClean Services** Remote Gas Analysis & Logging Svs **Resolve GeoSciences Inc Rock Flow Dynamics** Rocky Mountain Oil Journal Rogii Inc. Roper Pump Company Rose & Associates, LLP **RPS Knowledge Reservoir**

Safoco Inc Saltel Industries Saudi Aramco Schlumberger Scott Environmental Services Inc Seismic Exchange Inc Seitel Inc Selman & Associates, LTD Sercel - GRC Seventy Seven Energy SGS Canada Inc. SIGMA3 Silixa LLC Slider Southwest Research Institute Spectro Analytical Instruments Spectrum Tracer Services, LLC Springer StratoChem Services Strom. Inc. Summit Casing Equipment TAM International Inc Tanzania Petroleum Development Task Fronterra Geoscience TCO AS **Tejas Tubular Products** Teledyne Isco

Tendeka, Inc Terra Guidance LLC TerraCore International Terracosm Software, LLC Terves Inc. TETRA Technologies, Inc. TGS The University of Tulsa, Collins **College of Business** Thru Tubing Solutions **TIW Corporation** Tracerco Tricon Geophysics Inc Ubiterra Corporation Unimin Energy Division United Oil & Gas Consulting University of Kansas University of Tulsa - CESE Varel International Weatherford Weatherford Laboratories WellDog WellDrive WellEz Willowstick Technologies World Oil/Gulf Publishing



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