



CALIFORNIAN OIL:

Unlocking the Golden State's Shale Resources

December 4-5, 2012 | Los Angeles, CA

Californian Oil: Regulatory Briefing

Wednesday, December 5, 2012

8:30 am – 4:00 pm

7:30 – 8:30 *Registration & Breakfast*

8:30 – 8:35 *Chairman's Welcome and Opening Remarks*

8:35 – 9:15 *Keynote Address: **Fracking in California: The Call for Disclosure***

Robert A. Wieckowski, *Assemblymember, 20th District, State of California*

9:15 -10:15 *Debate: **Efforts to Regulate Hydraulic Fracturing in California***

Moderator:

Jack Luellen, *Managing Partner – Denver, Burleson LLP*

Debaters:

Damon Nagami, *Senior Attorney, Natural Resources Defense Council (NRDC)*

Rock Zierman, *Chief Executive Officer, California Independent Petroleum Association*

10:15-10:45 *Morning Networking Break*

10:45-11:45 *Presentations: **Industry Initiatives to Achieve Transparency and Stakeholder Buy-in in California***

10:45-11:15

Presentation 1:

Jon Haubert, *Manager of Communications, Western Energy Alliance*

11:15-11:45

Presentation 2:

Dave Quast, *California Director*, Energy in Depth

11:45-1:15 *Group Luncheon*

1:15-2:00 *Presentation: **Complying with California's Strict Air Regulations***

Richard W. Karrs, *Supervising Air Quality Engineer*, San Joaquin Valley Air Pollution Control District

2:00-2:30 *Afternoon Networking Break*

2:30-3:15 *Presentation: **Water Supply and Management Issues for Oil and Gas Operations in California***

John J. Harris, Esq., SNR Denton

3:15-4:00 *Presentation: **Challenges of Getting Drilling-Injection Projects Permitted in the State and Relevant Legislation***

Dr. Elizabeth Burton, *WESTCARB Technical Director*, Lawrence Berkeley National Laboratory

4:00-4:30 *Case Study: **BrightSource Energy's Operational 29 MW Thermal Solar-to-Steam Facility Developed in Partnership with Chevron***

Chevron Technology Ventures and BrightSource partnered to build the world's largest solar thermal enhanced oil recovery demonstration facility. The 29 megawatts thermal solar-to-steam facility supports enhanced oil recovery efforts at Chevron's oil field in Coalinga, California. The solar facility demonstrates solar thermal technology's ability to cleanly and cost-effectively support enhanced oil recovery efforts in California and around the world. BrightSource's LPT technology was selected through a competitive process and the project began construction in 2009. Extracting heavy-oil reserves, like the ones found at Coalinga, is a global challenge. According to a recent report by SBI, conventional oil recovery methods are only able to extract about 10% - 30% of the original oil from any given reservoir, leaving nearly 70% - 90% of the reservoir's oil untouched. The report estimates that an additional 241.7 billion barrels of oil could be added to worldwide proven reserves with the implementation of enhanced oil recovery methods.

Yasser Dib, *Vice President of International Development*, *Enhanced Oil Recovery*, BrightSource Energy

4:30 *Briefing Adjourns*

