



WHERE PEOPLE, IDEAS AND SOLUTIONS CONVERGE

WELCOME

BE PART OF THE TECHNOLOGY

CO₂ FLOODING | ROZ RECOVERY | PRACTICAL TECHNOLOGIES

MIDLAND, TEXAS, DECEMBER 6-8, 2016 | CO2CONFERENCE.NET



2016 CO₂ and ROZ Conference Week At A Glance

All events are held in the Horseshoe Education Room (HE ROOM) except Wednesday evening’s reception.
Bus travel will be available at 7:30 am Tuesday – Thursday from the DoubleTree Hotel to the Horseshoe Facility

	MONDAY DEC 5	TUESDAY DEC 6	WEDNESDAY DEC 7	THURSDAY DEC 8
7 AM		CHECK-IN HE ROOM	CHECK-IN HE ROOM	CHECK-IN HE ROOM
8 AM		OPENING REMARKS		
9 AM				CO ₂ /ROZ THEME SESSION I CO ₂ Flood and DUROZ Operations/Case Studies
10 AM		SESSION I EOR Carbon Management Workshop	ROZ SHORTCOURSE	PANEL DISCUSSION
11 AM				
NOON		LUNCHEON AND KEYNOTE SPEAKER Chuck McConnell, Executive Director of Rice University's Energy and Environment Initiative	FIELD TRIP CHECK-IN BOX LUNCH	LUNCHEON KEYNOTE Craig Pearson, TRRC and Tom Williams, RPSEA
1 PM				CHECK-IN HE ROOM
2 PM			Field trip to the East Seminole San Andres Unit hosted by Tabula Rasa, and bus tour drive-by of Kinder Morgan's Tall Cotton project (greenfield ROZ CO ₂ Flood)	CO ₂ /ROZ THEME SESSION II CO ₂ Flood and DUROZ Operations/Case Studies <i>(continued)</i>
3 PM		SESSION II EOR Carbon Management Workshop		
4 PM				
5 PM				PANEL DISCUSSION
6 PM	ICEBREAKER DoubleTree Hotel (HE Room)	WORKSHOP WRAP UP		CONFERENCE WEEK CONCLUSION
7 PM		RECEPTION Horseshoe Education Room	RECEPTION Permian Basin Petroleum Museum	
8 PM				

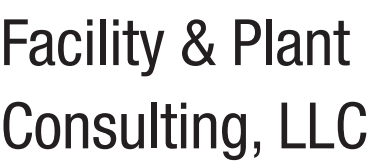
Shuttle bus travel will be available promptly at 7:30 am from the DoubleTree hotel lobby to the Horseshoe Facility on Tuesday and Wednesday, and at 5:00 pm on Tuesday and Thursday from the Horseshoe Facility to the DoubleTree Hotel. On Thursday, the shuttle will leave at 7:00 am.
On Wednesday, the shuttle will be available at 7:30 pm and 8:00 pm from the Permian Basin Petroleum Museum to the DoubleTree Hotel.

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22ND ANNUAL CO₂ / ROZ CONFERENCE EOR CARBON MANAGEMENT WORKSHOP

TUESDAY, DECEMBER 6 MIDLAND HORSESHOE EDUCATION ROOM

TIME	DESCRIPTION
8:00-8:30 am	WELCOME AND WORKSHOP OPENING REMARKS Michael Moore, FearnOil Inc. and Steve Melzer, APTA
8:30-9:15	KICKING US OFF – <i>The Prize: Latest Developments in the ROZ</i> – Vello Kuuskraa, Advanced Resources International
9:15-9:45	<i>Polices SECARB and ICCUS</i> – Ken Nemeth, Southern States Energy Board and Bob Ivey, US DOE on a call in on the ICCUS efforts
9:45-10:15	<i>State of the World and CCUS Policy</i> – Barry Worthington, Executive Director of the US Energy Association
10:15-10:30	BREAK
10:30-11:00	<i>The View from DC and What to Expect</i> – Fred Eames, Partner, Hunton & Williams
11:00-11:20	<i>Updates and Developments at EERC</i> – John Harju, Vice President for Strategic Partnerships, EERC
11:20-noon	PROJECTS PANEL <i>CO₂ EOR and Life with Oil near \$50</i> – Keith Tracy, Director, CO ₂ Midstream Operations, Chaparral Energy and Russell Martin, Tabula Rasa
noon-1:30 pm	LUNCH AND KEYNOTE SPEAKER Chuck McConnell, Executive Director of Rice University’s Energy and Environment Initiative
1:30-2:00	<i>Western Governors’ Association Update and Activity at University of Wyoming School of Energy Resources (SER)</i> – Mark A. Northam, Executive Director, SER
2:00-2:30	<i>CCUS, CO₂ EOR and Looking Ahead</i> – Greg Schnacke, Denbury Resources
2:30-2:45	BREAK
2:45-3:45	POLITICAL LANDSCAPE PANEL Fred Eames, Partner, Hunton & Williams; Brad Crabtree, Director, NEORI; Greg Schnacke/Dan Cole, Denbury Resources; Barry Worthington, USEA and Mike Moore, FearnOil
3:45-4:45	TECHNOLOGY UPDATES PANEL Traci Rodosta, Carbon Storage Portfolio Manager, U.S. Department of Energy, National Energy Technology Laboratory Professor and Arne Grau, affiliated with the Department of Physics and Technology at the University of Bergen and director of the NORTEX Petroleum Cluster
4:45-5:15	<i>Issues and Unburnable Fossil Fuels, Leave It In the Ground, and Divestment: How CCUS Fits In</i> – Michael Moore
5:15-5:45	WRAP-UP PANEL Michael Moore, Steve Melzer, Vello Kuuskraa and John Harju
5:45-7:30	Reception at the Horseshoe Facility, Education Room (shuttle available from Reception to the DoubleTree Hotel at 7:30 pm)





22ND ANNUAL CO₂ / ROZ CONFERENCE

HALF-DAY SEMINAR AND CO₂ FLOOD FIELD TRIP

WEDNESDAY, DECEMBER 7

CURRENT STATUS AND ADVANCED RECOVERY CONCEPTS FOR THE HORIZONTAL SAN ANDRES ROZ PLAY

8:30-11:30 am

- I. Status of Horizontal San Andres ROZ Play
- II. Status of ROZ CO₂ EOR
- III. Recovery Estimates and Commercial Challenges
- IV. Panel on Advanced Recovery in Horizontal Plays (Shale and Otherwise)

Steve Melzer / Russell Hall
Steve Melzer / Dr. Robert Trentham
Russell Hall

Moderator: Glen Murrell,
GE Global Research

Injection Project Planning Experience Panel

Jim Doherty, Riley Exploration
(ROZ Depressuring Operator); Ben Azar,
Brittany Energy (Hunton Operator –
Oklahoma); John Harju, EERC (Bakken
Representative), George Koperna,
Adv Resources Int’nl (Computation
Contributions)

- V. Operational Planning for Follow-on to the Reservoir Depressuring Stage
- VI. Land and Legal Issues

B. McConaty, Yankee Creek
Reagan Rich, Optima Land Services

- | | |
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| Noon | Adjourn to buses for field trip; East Seminole San Andres Field CO ₂ Flood and facilities, and driving tour of the Tall Cotton Greenfield ROZ Project west of Seminole (All are one hour north of Midland.)
Box Lunches Available. Buses return by 5:30 p.m. |
| 12:15 pm | Buses depart Horseshoe Facility for East Seminole San Andres Unit (ESSAU) and CO ₂ facilities |
| 1:45 | Buses arrive at ESSAU, pick up Tabula Rasa personnel; field safety and orientation briefings on bus |
| 2:15 | Walking tour of CO ₂ processing facility |
| 3:00 | Comfort stop; bus trip to Seminole and drive by of Seminole Plant to the north of Seminole, Texas |
| 3:40 | Arrive at Kinder Morgan’s Tall Cotton Project six miles west of Seminole for driving tour of the project |

**Shuttles will transport from the DoubleTree Hotel to the Permian Basin Museum at 5:30 pm, and from the Permian Basin Museum to the DoubleTree Hotel at 7:30 pm and 8:00 pm.*

22ND ANNUAL CO2 / ROZ CONFERENCE THEME SESSION

THURSDAY, DECEMBER 8

THEME SESSION #1: CO2 FLOOD AND DUROZ OPERATIONS / CASE HISTORIES

TIME	DESCRIPTION
7:30-8:00 am	<i>CO2 Cycle Demonstration Project (Gulf Coast)</i> – Bill Brown, CEO, NetPower
8:00-8:45	<i>Recap of the EOR Carbon Management Workshop</i> – Mike Moore, Workshop Director
8:45-9:15	<i>Rangely Field WAG Skids and WAG Management</i> – Chevron USA
9:15-9:45	<i>The Importance and Sensitivity of Electricity Costs in Today’s LOE Environment</i> – Ben Cook, Enhanced Oil Recovery Institute
9:45-10:10	Break
10:10-10:45	<i>Gas Injection in the Cusiana and Cupiagua Fields</i> – C. Quiroz, F. Torres, B. Polo, J. González and L. Sierra, EcoPetro
10:45-11:30	Panel Discussion – All Speakers
11:30-1:30 pm	Lunch at the Horseshoe Facility – Keynote Speakers (2) Craig Pearson, Chief Seismologist and Director, Districts 8 and 8A, Texas Railroad Commission – <i>Districts 8 and 8A Activity Update and Induced Seismicity Issues in Oklahoma vs Other Regions</i> Tom Williams, President, The Research Partnership to Secure Energy for America – <i>The Past Accomplishments and Future of RPSEA</i>

THEME SESSION #2: CO2 FLOOD AND DUROZ OPERATIONS/CASE HISTORIES

1:30-2:10	<i>SACROC: Extending the Miscible CO2 Flood Below the Producing Oil Water Contact</i> – Kimberly Lomeli, Kinder Morgan CO2 Company
2:10-2:50	<i>The Northwest Shelf Horizontal San Andres Play</i> – Russell Hall, RK Hall & Associates
2:50-3:20	<i>The Anne Tandy CO2 Flood, King County, Texas</i> – Jonathan Bradley, Hunt Oil
3:20-3:45	Break
3:45-4:25	<i>Manzano’s Horizontal San Andres Development</i> – John Worrall, Manzano Energy Partners II
4:25-4:45	<i>North Sea Residual Oil Zones: An Insight into Play Types and Potential</i> – Dr. Jamie Stewart, University of Edinburgh and Scottish Carbon Capture and Storage Programme
4:45- 5:00	<i>The Croatian EOR Projects and Early Production Results (Ivanic and Žutica Oilfields)</i> – Neven Leonard and Nenad Smontara, INA, Industrija nafte,d.d. (Croatia)
5:00-5:15	Panel Discussion All Speakers
5:15	Conference Week Ends



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