

New Orleans Driller

April, 2004

Volume 17, Number 3

President's Letter

Dear Fellow Members,

Thanks for the great turn out at our March Luncheon. The presentation on the Real Time Operating Center was interesting and informative. A special thanks to Jesus Cabello for presenting.

also want to thank Alden Sonnier and Scott Costner for organizing the hardware to synchronize the two projectors. Also, thanks again for supporting g the AADE.

We have exceeded the membership goals set by Joe Combes, our 2nd VP. As of March 9th, we have 519 members, 19 more than the goal of 500 . . . Thanks!

On April 1st we will have our annual Technical Forum from 09:00-1:00 at the Holiday Inn. The forum is free to paid members but the lunch will be \$ 25. This year's Tech Forum will be on HPHT drilling. More details are included in the newsletter.

Please make sign up early by e-mailing Traci Stubbs at mail to:Traci.Stubbs@Halliburton.com or by phoning her at 504-593-6760.

*God Bless
Chase Hinson*

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Gulf Coast Energy Marketplace
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Mark Your Calendar For April 1 Meeting:



To get your tickets for the Annual Fin, Feather, Fur Food Festival, you'll need to be at the April meeting. Tickets are limited and are always in big demand; so don't miss your opportunity to purchase your tickets.

We will be selling them during the lunch break for your usual low cost of \$10.00 per ticket. We are looking forward to seeing you there



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Calendar of Events

April 1st	AADE Technology Forum Today's Challenges - Tomorrow's Solutions
April 5-7	Holiday Superdome Inn Gulf Coast Energy Marketplace - Onshore & Offshore,
May 13th	Fairmont Hotel - New Orleans Monthly Luncheon - TBN <i>*Note: Held on the second Thursday due to OTC</i>
May 21	AADE New Orleans Chapter Golf Tournaments
June 3	Annual Fin, Feather, Fur Food Festival
June, July August	No Monthly Meeting

Please contact Diane Miller at 504-522-1292 or e-mail to dmiller@dpi-bits.com. The luncheon fees are \$25 for members and \$30 for non-members. You can pay your \$15 membership at the same time you pay for lunch. Reservations must be made at least 24 hours in advance of each monthly luncheon event. If you have made reservations and are unable to attend, please cancel with Paula Hebert.



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A Few More Spots Open

Do not forget to get your application in for the annual AADE New Orleans Golf Tournament. There is a morning and afternoon round on May 21, 2004. This event is always well attend and a fun outing. You can either contact Bob Freeman at 504-525-2487 or Jim Miler at 504-523-6166.

We are looking forward to seeing one and all on May 21, 2004.



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AMERICAN ASSOCIATION OF DRILLING ENGINEERS NEW ORLEANS CHAPTER

TODAY'S CHALLENGES - TOMORROW'S SOLUTIONS

"Experiences gained and technologies required to drill deep hydrocarbon prospects in the Gulf of Mexico"

**Location: Holiday Inn (Loyola St),
New Orleans LA Date: Thursday,
April 1st 2004 Time: 9:00 am - 1:00 pm**

**RSVP: Traci Stubbs
Mail to: Traci.Stubbs@Halliburton.com
Telephone: (504) 593-6760**

**COST:
New Orleans AADE Members
Forum = Free, Lunch Session = \$25
ALL OTHERS Forum & Lunch = \$50**

9:00 am - 9:05 am	Welcome & Introductions Nicole Baird, New Orleans AADE Technical Committee Chairman
9:05 am - 9:35 am	"Deep Shelf, Deep and Ultra-Deepwater Prospects and Resources" David Marin, MMS - Regional Supervisor for Resource Evaluation, Gulf of Mexico Region, Minerals Management Service
9:35 am - 10:05 am	"Advantages of Integrated 3D Models for Predicting Pressures" Jim Wieseneck, Shell - Senior Staff Petrophysical Engineer and Leader of the Pore Pressure Center of Excellence
10:05 am - 10:35 am	"Casing Point Selection for Deep Shelf Wells" Kurt Andres, El Paso - Principal Drilling Engineer
10:35 am - 11:05 am	"Deep Shelf Challenges, Drilling and Completion Issues" Bob Meize, Anadarko - Division Drilling Manager, GOM
11:05 am - 11:55 am	Lunch
11:55 pm - 12:25 pm	"Technologies for Drilling and Completing Deep Gas Reservoirs" James Ammer, US Department of Energy - Project Manager, Natural Gas Technologies Program
12:25 pm - 1:00 pm	Speaker & Audience Panel - Questions & Answer Session

Presentation Abstracts & Biographies

1. "Deep Shelf, Deep and Ultra-Deepwater Prospects and Resources": Deep shelf, deep and ultra-deepwater prospects and resources, an overview of active plays in the US Gulf of Mexico OCS. This talk will briefly review and summarize current industry targets and incorporate MMS resource estimates in the region.

David Marin is the Regional Supervisor for Resource Evaluation, Gulf of Mexico Region, Minerals Management Service. He holds a B.S. Earth Science from the University of New Orleans. He has spent 27 years at MMS and its predecessor USGS, working in resource evaluation, reserves estimation, and the Offshore Atlas Project.

2. “Advantages of Integrated 3D Models for Predicting Pressures”: Several examples demonstrating how integrated 3D models improve the predictions of pressures are shown. The key advantage integrated 3D models over other techniques is they explicitly tie the geologic, petrophysical, and geophysical interpretations. This makes identification of consistencies and inconsistencies simple. In addition, it will also be shown how these models become more accurate as inconsistencies are corrected as the interpretations converge.

Jim Wieseneck is a Senior Staff Petrophysical Engineer and Leader of the Pore Pressure Center of Excellence for Shell EP Americas. He holds a B. S. in Petroleum Engineering from Stanford University and a B.A. in Economics from Claremont Men’s College. He has twenty years with Shell and its various subsidiaries. Most of this time has been spent in the deepwater Gulf of Mexico, the shelf, and the gulf coast states working on petrophysics, rock properties for exploration, seismic inversion, and 4D seismic. Jim also took assignments in the South China Sea, and the Chuckchi Sea.

3. “Casing Point Selection for Deep Shelf Wells”: Casing program design is the key to successfully drilling a deep shelf well. This presentation will cover El Paso’s approach to selecting casing program size and determining casing setting depths including pre-job planning and adjustments while drilling based on real time pore pressure and ECD data.

Kurt Andres is a Principal Drilling Engineer for El Paso Production. He holds a BSME from Auburn University and has 24 years experience in the industry including drilling, completion, production and reservoir engineering and rig/project supervision.

4. “Deep Shelf Challenges, Drilling and Completion Issues”: Discussion reviews industry numbers for deep wells in the Gulf of Mexico and the trends towards more of the deep, difficult wells. Will share experiences gained drilling deep wells on the shelf in a subsalt environment and some of the lessons learned. The next section details efforts in deepwater, drilling wells below 26,000’ and how the lessons learned will apply to future GOM Shelf drilling

Bob Meize has over 25 years drilling and production experience in offshore and onshore operations. He has worked areas in West Texas, Rocky Mountain, Mid-Continent and Gulf Coast regions. He joined Anadarko in 1994 after a career with Arco and is currently Anadarko’s Division Drilling Manager for offshore Gulf of Mexico. He has been involved with developments in subsalt, deepwater and shelf drilling while at Anadarko. He has a BS in Petroleum Engineering from New Mexico Tech and a Masters in Business Administration from Oklahoma City University.

5. “Technologies for Drilling and Completing Deep Gas Reservoirs”: An overview will be provided for the Department of Energy, Office of Fossil Energy’s Natural Gas Technologies Program. Information on approximately 15 drilling and completion projects that have application to deep gas, especially technologies targeting high temperature, high pressure drilling environments, will be provided.

James Ammer has over 20 years of experience in research and development for the Department of Energy. He currently serves as a project manager for the Natural Gas Technologies Program, managing projects in drilling, stimulation, production optimization, natural fracture detection and prediction, and gas storage. He has conducted reservoir engineering and simulation studies for over 10 years including studies on carbon dioxide flooding, gas migration analysis, and horizontal drilling evaluation. He holds a B.S. in Petroleum and Natural Gas Engineering.

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ALL OTHERS Forum & Lunch = \$50**

Name _____ AADE Member Yes No

Company _____

Forum Session Attendance
(Please indicate attendance)

- 9:00 to 11:00 am
- 11:00 am to 1:00 pm
- 9:00 am to 1:00 pm

Are you willing to field questions during the Lunch Question and Answer session regarding technologies required and/or experiences gained while drilling for deep hydrocarbon prospects in the GOM (e.g. tool research & development), HPHT applications, etc.)?

If yes, what areas (tools) are you willing to address:

GOM Rig Activity For Week 3-4-04

Current Rigs contracted:

All Offshore GOM rigs: 130 (Change from previous week -1)

Deepwater rigs (> 500 Ft): 38 (Change from previous week +0)

Shelf rigs (< 500 Ft): 92 (Change from previous week -1)

Current rig utilization:

Jackups Contracted/Marketed (85/101) = 84.2% of capacity.

Semis Contracted/Marketed (20/24) = 83.3% of capacity.

Drillships Contracted/Marketed (8/8) = 100% of capacity.

Platform Rigs Contracted/Marketed (27/56) = 48.2% of capacity.

Inland Water Barges Contracted/Marketed (35/41) = 85.4% of capacity.

Most Active Operators in Gulf Of Mexico For Week 3-4-04 Includes Shelf/Deepwater/Inland

Number	Operator	Rigs Drilling
1	ChevronTexaco	15
2	BP	7
3	Newfield	6
4	LLOG	5
5	Shell	5
6	Stone	5
7	Dominion	5
8	Apache	5
9	Spinnaker	4
10	ExxonMobile	4
Total		61

Activities for New Orleans Based Operators

Operator	Rigs Drilling
ChevronTexaco	8
Shell	5
Dominion	5
LLOG	3
W&T Offshore	3
Bois D'Arc	3
Energy Partners	2
Murphy	2
Denbury Resources	2
Taylor Energy	1
W.G. Hellis	1
Century Exploracion	1
NCX	0
Gulf Production	0
RidgeLake	0
Palm Energy	0
Bass Enterprises	0
Key Production	0
Linder	0
Total	36

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