



## The APInion

Editor: Erik Rike

### DELTA SECTION IS ON THE INTERNET

#### API CHAPTER MEETING

Holiday Inn Superdome  
330 Loyola Avenue  
11:30 a.m.

**Wednesday,  
May 27, 1998**

#### I CAN LEARN

John R. Lee, Consultant

(Ex-oil man)

(details on back cover)

Cash Bar

With reservations: \$15.00  
Without reservations: \$20.00  
Phone Martine Sherlock by  
noon, Monday, May 25 for  
reservations:  
529-3630

The API Delta Section has been on the Internet for a month now. The address is <http://www.api-delta.org>. The general form is there, and it is about 70% functional. We can thank Tech-CAD, Inc., for their hard work and the \$2500 grant to cover costs during the development phase. About 40% of that has been spent thus far, so a great deal more functionality will occur before the Delta Section faces any financial burden. Many thanks are due Don Sustendal, who has worked hard as our temporary WebMaster during this development phase, and to Martine Sherlock, who fields all the e-mail. Most of all, we can thank Andrew Thomas for the drive and leadership to get this great project on a fast track.

Click on **About API** to find the Board of Directors, their phone numbers, and link to them or send e-mail directly to them. There is an application form for new members.

**The Calendar** is being revised, but it will include the events for all petroleum-related organizations and all other events of general interest to oilmen and women. In many cases, you will be able to click to get more information on each event and, where appropriate, link

to their site to make reservations. By May 30, we plan a submittal form so that new events can be added by e-mail. If you are a member of any other petroleum organization, please let your program chairman know about this new and powerful way to "get the word out." This will be the **Industry Clearing House** requested by local managers in 1997.

API Delta Section has been working on a revision of the "career opportunities book" for about seven years. The further we got, the further away publication seemed to slip, mainly because of limited manpower to get it up to date. Today, the career book has taken new form; just click on **Careers** on the home page. Since it is intended as a tool for students to let them know what is available in the industry, job-wise, it is organized by education requirements. Then you click on the job title to find additional information, including salary ranges and where to apply. Many entries are out of date, so look up your own job and get your personnel manager to do so. You can e-mail your comments, suggestions, additions, and revisions to us right on the home page. If everyone will pull together on this, the book will be

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## CHAIRMAN'S MESSAGE

Recently, I was in a reflective state and thinking about the oil and gas industry. I was thinking about how much I love this business and asked myself the question...why? What is it about oil and gas that appeals to me so much?

Firstly, this industry has allowed me to support my family for over 16 years. In fact, a lot of people get the opportunity to support their families. A very interesting aspect of our industry is that it provides good paying jobs and opportunities for an enormously diverse group of people with extremely wide education levels and job skills. It has always been and continues to be a business where good "horse sense" and the willingness to work hard can serve one as well as a Ph.D. or MBA. That creates a fascinating cross-section of people that adds color and depth to our livelihood.

The economic benefit of our industry obviously goes way beyond the direct participants. The positive ripple effect in communities all over the world is felt through peripheral and supporting businesses, taxes and local industry support, philanthropy and involvement. Having grown up in Wyoming, I've always remembered that Gillette (Campbell County) had the nicest high school football field in the State due to revenues from oil production in the Powder River Basin. This is one tiny personal example of the external economic benefit that many communities derive from the oil and gas industry.

The second answer to my internal question was that I am proud to be involved in an industry that helped make America what it is. I wonder how many people in this country don't understand what an important part affordable energy played in the industrial/economic growth of the United States. We oilpatch people didn't create the resource, but it damn sure took us to find it, produce it, refine it and distribute it. All those steps still have to be done efficiently enough to make it "affordable."

Third on the list is that the oil and gas business is a business of frontiers—frontiers geographically, intellectually, technologically and operationally. The envelope is constantly being pushed to find, develop and produce hydrocarbons that were previously unrecognized and/or untapped. This industry has responded to every need to

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### API Board Members 1998

Sandy Andrew TDC Energy Industry Networking	Chairman 529-3630, fax: 529-5541
C. Don Sustendal Amoco Industry Information/Involvement	1st Vice Chairman 586-2771, fax: 586-5914
Dennis Renear Cal Dive International Community Involvement	2nd Vice Chairman 366-5997, fax: 366-5999
Mike Utsler Amoco Production Co. -UBJ Industry Information/Involvement	3rd Vice Chairman 586-2878, fax: 586-2811
Randy Brunet Administration	Treasurer 838-0227, fax: 833-5217
Bart Walker Estate of William G. Heils	Secretary 523-1831, fax: 522-6486
Andrew R. Thomas Schully, Roberts, Slattery & Jaubert	Past Chairman 585-7800, fax: 585-7890

### Directors:

Cathy Vaughn BCM Foundation	Community Involvement 593-2323, fax: 593-2301
John Pope Taylor Energy	Community Involvement 581-5491, fax: 589-0592 (0411)
Carlos Guzman Shell Offshore, Inc.	Industry Information/Involvement 588-4787, fax: 588-0398
Doug Tymkiw Ernst & Young, LLP	Community Involvement 581-4200, fax: 596-4233
Bob Huffman Halliburton	Industry Information/Involvement 593-6700, fax: 593-6822
Michael K. Brown 1st Chicago NBD	Industry Networking (713) 654-7391, fax: (713) 654-7370
Dwight Paulsen EDG, Incorporated	Industry Information/Involvement 828-1175, fax: 828-0673
Erik Rike Rike Service, Inc.	Newsletter Editor 827-0161, fax: 822-7599
Kenneth W. Sellers Mobil E&P U.S., Inc.	Industry Involvement 566-5380, fax: 566-5118
Percy Payne Forcenergy	Industry Involvement 838-7022, fax: 838-7017
Tony Richards Amoco Offshore Business Unit	586-2978, fax: 586-2882
Benjamin Waring Waring & Associates	832-5921, fax: 833-8375

**Delta Section on the Internet.**  
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current by the beginning of the coming school year. If so, we'll likely send out a mailing to all the high school counselors in the state to let them know about this powerful tool.

Where possible, we'd like to make those company names ("where to apply") into links as well, so that qualified applicants can fill out employment applications by e-mail. Wouldn't your company like to increase the number of applications it receives, to help it find the best people and to increase the percentage of computer-literate applicants in all job positions? If not, watch out; you may be swallowed soon! But if so, please send us the appropriate address for the link.

Links on the home page get you everywhere else on the Internet. If you know of any oil-related sites not listed, or if your company has a site open to the general public, get us those link addresses. The company listing is especially sparse, just Global Marine. Doesn't your company want to get the good word out about the positive things you do for the community and for the economy? Get to it!

And last but not least (I am the editor!), the Newsletter is on-line. No more late copies due to incorrect addresses or our government-monopoly post office. By year's end, we may start sending e-mail messages that the new issue is out on-line: that would save us a small fortune in printing and postage. This is a giant step for the Delta Section of API being brought about with Andy Thomas' push and the ongoing leadership of Jim Rike and Sandy Andrew during the past 3 years.

**Chairman's Message.**  
*continued from page 2*

reinvent itself through pushing the boundaries of the way we do business. It is a dynamic industry run by dynamic people.

There are many other reasons I love this industry, but I wanted to share these thoughts as a prelude to the following statement. All of us should be very proud of the business we're in and should strive to maintain an industry we can always be proud of. Along with our genuine pride and the appreciation we feel for what this business has done for us and our families, we need to continue with our sense of responsibility to maintain an industry with stability, vision and good citizenship. This will carry us through and beyond any of the inevitable business cycles we will experience in the future.

*Sandy Andrew*  
Chairman

**BASIC MAPPING TECHNOLOGY**

(Presented by Subsurface Consultants & Associates, LLC)

**June 24-26, 1998**

**API Delta Chapter Sponsored Training**

*For: Draftsmen, geological, geophysical and engineering technicians.*

Learn how to assist the explorationist or development geologist in daily activities, such as preparing base maps, posting data and planimetry. The job of the geoscientist is to find oil and gas. A technologist can undertake many of the tasks to free up the geoscientist to do more exploration. The basic methods used in the industry for decades to map the volume of reservoirs are covered. Exercises illustrate common pitfalls that lead to incorrect volume determinations and large errors in evaluation of reserves. Techniques for applying these methods on existing isochore maps are illustrated.

The course covers the fundamentals of fault geometry, fault mapping and the integration of fault surface maps with structure horizon maps. You practice using the techniques that allow you to accurately honor all of your well log and seismic data when constructing faulted structure maps. Normal and reverse separation fault map techniques are covered as well as pitfalls in mapping steeply dipping structures and shortcuts for mapping complexly faulted gently dipping structures.

**Major Topics Covered:** The Use of Technical Tools \* Base Map Construction \* Survey Data \* Pasting Well Data \* Contouring Techniques \* Directional Wells \* Electric Log Techniques \* Cross Section Construction \* Fault Surface Maps \* Structure Contour Maps \* Isochore Maps \* Planimetry

**Special API Chapter Tuition: \$715**  
**For enrollment or information:**  
**Kim Gatte, (318)234-8557**

(API Chapter sponsorship does not represent an endorsement of any product or service.)



Delta **DP** Chapter  
**Golf Tournament**



Friday - September 25, 1998 City Park - West Course

THIS EVENT WILL SERVE AS THE API FUND RAISER TO REWARD SCHOLASTIC ACHIEVEMENT  
 IN AND AROUND THE NEW ORLEANS AREA.

FORMAT — 2-MAN SCRAMBLE, BLIND BOGEY SCORING

**\$70.00 Per Player - Fee Includes Cart & Green Fees**  
**Food & Drinks on Course and 1999 Membership Drive**

**MULLIGANS: Maximum 2 per Golfer - 1 Mulligan per nine holes**

NOTE: NO RESERVATIONS WILL BE MADE UNTIL PAYMENT IN FULL IS RECEIVED  
 SPACE LIMITED: ALL ENTRIES FIRST-COME - FIRST SERVED

NAME _____ \$ 70.00	T	NAME _____ \$ 70.00
COMPANY _____	F	COMPANY _____
ADDRESS _____	A	ADDRESS _____
CITY _____ STATE _____ ZIP _____	M	CITY _____ STATE _____ ZIP _____
PHONE _____ FAX _____	#	PHONE _____ FAX _____
NO. MULLIGANS @ 5.00 EACH \$ _____	1	NO. MULLIGANS @ 5.00 EACH \$ _____
NAME _____ \$ 70.00	T	NAME _____ \$ 70.00
COMPANY _____	F	COMPANY _____
ADDRESS _____	A	ADDRESS _____
CITY _____ STATE _____ ZIP _____	M	CITY _____ STATE _____ ZIP _____
PHONE _____ FAX _____	#	PHONE _____ FAX _____
NO. MULLIGANS @ 5.00 EACH \$ _____	2	NO. MULLIGANS @ 5.00 EACH \$ _____

Tee Time Preference: \_\_\_\_\_ 7:00 A.M. \_\_\_\_\_ 1:00 P.M.  
 You will be notified if your preferred time cannot be accommodated.

TOTAL  
 SUBMITTED: \$ \_\_\_\_\_

→ **MAKI COPIES OF THIS FORM FOR ADDITIONAL ENTRIES · PLEASE RETURN THIS FORM AS SOON AS POSSIBLE** ←

Make check payable to: **DELTA CHAPTER API**  
 And return along  
 with entry form to: API Golf Tournament  
 P. O. Box 50110  
 New Orleans, LA 70150

Send checks early to get a good tee time!



## MAINTENANCE MANAGEMENT

(Presented by Rike Service, Inc.)

June 29-July 3, 1998

### API Delta Chapter Sponsored Training

*For: Engineering, management and supervisory personnel where maintenance is critical to profit or productivity. This applies to production facilities, rigs, plants, storage facilities, loading equipment, and about anything with engines and/or moving parts*

Learn how to eliminate costly unscheduled down time, whether you operate rigs, boats, production piping and vessels, compressors, pumps, engines, assembly lines or plants. You learn how to plan maintenance, how to schedule inspections and how to increase productivity with equipment up time.

A faulty O-ring eliminated an Indy 500 race car just 100 yards from the finish line. Another destroyed a space program. You will learn how to prevent these occurrences, as well as failures due to lubrication, leakage, worn parts, overheating, calibration error, and lack of spare parts. You leave with the ability to develop and utilize all your equipment resources to increase productivity and profit. Or do you feel "lucky," and can do without such a program?

#### Course Outline

##### **Purpose and Objectives**

Responsibilities  
Manpower Requirements  
A Maintenance Budget

##### **Information Systems**

Work Order and  
Documentation  
Feedback  
Equipment Data History

##### **Material/Spare Parts**

Inventory and Economic Orders  
Storage  
Inventory Level Control

##### **Preventative Maintenance**

History of Events and Costs  
Frequency  
Inspection and Procedures

##### **Planning and Scheduling**

Priorities  
Material and Information

##### **Training Analysis**

Supervisory  
Crafts  
Functional

##### **Safety**

Regulatory  
Company and Vendor  
Standards

##### **Effectiveness**

Up Time and Down Time  
Budget and Safety  
Backlog and Overtime

##### **Special API Chapter Tuition: \$840**

**For enrollment or  
information: Anne Marie  
Stephens (827-0161)**

*(API Chapter sponsorship does  
not represent an endorsement of  
any product or service.)*

## WE NEED A WEBMASTER

The Board is considering adding a WebMaster as a permanent API Delta Chapter board position.

If you spend most of your time near your computer (that is, not out-of-town), and you think you have the talent, or maybe just the enthusiasm to learn, send a note listing your qualifications to the Delta Section Chairman, Sandy Andrew.

You would be our liaison to Tech-CAD during ongoing development of the site, and keep Calendar and Careers up-to-date and functional. You would also route the e-mail we receive to the appropriate board member for action. A great skill-builder for your resume: need I say more?!



- May 20, 1998  
API Board Meeting
- May 27, 1998  
API General Meeting
- June 4, 1998  
AADE New Orleans Chapter Fin.  
Feather & Fur Food Fest  
Cookout
- July 22-25, 1998  
Grand Isle International Tarpon  
Rodeo, Grand Isle
- September 5-7, 1998  
Grand Isle Redfish Rodeo,  
Grand Isle
- September 25, 1998  
API Golf Tournament, Bayou  
Oaks Golf Course
- September 27-30, 1998  
SPE Annual Technical  
Conference & Exhibition, New  
Orleans
- October 20-22, 1998  
Permian Basin International Oil  
Show, Odessa
- October 25, 1998  
Daylight Savings Time Ends
- November 11-14, 1998  
IPAA Annual Conference, New  
Orleans
- November 16-18, 1998  
Deep Offshore Technology 98,  
New Orleans
- November 26, 1998  
Thanksgiving Day
- December 5, 1998  
AADE New Orleans Chapter  
Christmas Social

## HORIZONTAL COMPLETIONS

(Presented by Rike Service, Inc.)

**May 25-29, 1998**

### API Delta Chapter Sponsored Training

*For: Engineers, top field and rig supervisors, management and service company personnel with good oilfield math proficiency*

Discover what's been tried and what has worked in completing horizontal wells. Learn why so many are completed open hole while a few insist on cemented casing. Leave with all the reasons why you may want to shoot holes only up, down or sideways. Technology is new and emerging, but you are able to learn from others' mistakes and successes. How long is too long a horizontal liner? Can it be cemented? Can an uncemented liner be diagnosed? Can a gravel packed liner be squeezed? You get the answers and the reasons why specific techniques work while others fail.

### Course Outline

<p><b>Anticipated Well Productivity</b> Normal Darcy Production and Comparison to Proposed Fracture Results Potential Penetration and Skin Effect</p> <p><b>Open Hole vs. Uncemented Liner or Casing</b> Predominant Statistics Available Effect of Formation Characteristics Well Type: For Multiple Fractures, Injection Wells and Thermal Recovery</p> <p><b>Casing and Cementing</b> Running Long Liners Successfully Centralizers and Other Hardware</p> <p><b>Cementing</b> Velocity and Rheology of Fluids Moving Pipe Gravity Segregation of Slurry External Casing Packers</p> <p><b>Perforating</b> Shot Density and Charge Selection Orientation Tubing Conveyed or Thru-Tubing Open vs. Plugged Perforations</p> <p><b>Sand Control</b> The Completion as a Sand Control Measure Slotted or Wire-Wrapped Liners or Screens</p>	<p>Pre-Packed Screens and Gravel Packed Screens Gravel Packing Fluid and Gravel Size Resin Systems</p> <p><b>Stimulation</b> Diagnosis Problems Fluid Selection Diverston to All Areas Needed Fracturing Dynamics</p> <p><b>Problem Analysis</b> Selection of Penetration Scheme and Use of Production Logs</p> <p><b>Completion and Workover Mechanics</b> Coiled Tubing Rig Inflatable Packers and Coils with Wireline Inside</p> <p><b>Special API Chapter Tuition: \$840</b> <b>For enrollment or information: Anne Marie Stephens (827-0161)</b> (API Chapter sponsorship does not represent an endorsement of any product or service.)</p>
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**AMERICAN PETROLEUM INSTITUTE**  
**New Membership Application/Renewal Form**

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Business Telephone: \_\_\_\_\_ Home Phone: \_\_\_\_\_  
 Street: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Please enclose \$15.00 for annual dues. **Volunteer for Committees?**

Mail to: American Petroleum Institute  
 Delta Chapter  
 P. O. Box 50110  
 New Orleans, LA 70150

Education  
 Community Relations  
 Industry Affairs  
 Golf Tournament/Fund Raising

**SEQUENCE STRATIGRAPHY IN EXPLORATION AND  
 PRODUCTION GEOLOGY**

(Presented by Subsurface Consultants & Associates, LLC)

**July 6-10, 1998**

**API Delta Chapter Sponsored Training**

*For: Geologists, geophysicists, engineers and petrophysicists, who want the fundamentals of sequence stratigraphy and how it is applied to exploration and reservoir characterization.*

Designed to provide the sequence stratigraphic fundamentals and their application to exploration and production, this course begins with an overview of sequence stratigraphic concepts. Developed originally as an exploration tool, sequence stratigraphy has evolved more toward a reservoir characterization tool utilizing 3-D seismic and workstations. The course is strongly geologic and focuses on the integration of multiple data to recognize, characterize, map and quantify potential traps, plays and reservoirs. Depositional systems are placed in a sequence framework and described as lowstand, transgressive and highstand tracts, each with its own unique reservoir, seal, trap and source potential. Newer methods of reservoir characterization use seismic amplitude, horizon slicing and flattening techniques to better define reservoir trend and continuity.

**Major Topics Covered:** Introduction to Sequence Stratigraphy \* Passive vs. Active Margins \* The Conceptual Model \* Sequence Boundaries and Unconformities \* Flooding Surfaces and Condense Sections \* Seismic Facies and Depositional Environments \* System Tracts \* Accommodation Space and Subsidence \* Onlap Curves and Eustacy Models \* High Resolution Biostratigraphy and Paleocology \* Chronostratigraphic Charts \* Parasequence Analysis \* Scaling Factors \* Advantages of Sequence Stratigraphy

**Special API Chapter Tuition: \$1125**  
**For enrollment or information: Kim Gatte, (318)234-8557**

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**API Chapter  
Meeting  
Holiday Inn  
Superdome  
Wednesday  
May 27,  
1998**

## I CAN LEARN

John R. Lee is an entrepreneur oilman who has been developing a novel approach to bringing technology to the classroom. John has spent the last eight years creating, developing and demonstrating his project in New Orleans' classrooms. His program, which was recently featured in *Forbes Magazine*, called "I CAN Learn," short for "Interactive Computer Aided Natural Learning," is a series of computer programs which are full-time teaching tools. "I CAN Learn" enables students to work at their own pace and become self-motivated, lifelong learners, meanwhile allowing teachers to provide one-on-one assistance to the individual students. At our May 27 Chapter Meeting, John will present a brief history of the "I CAN Learn" project, a lesson demonstration, feedback from the students, and projections of future course developments.

John's program is currently enrolling non-gifted inner-city students in Stanford University's Gifted Youth Program and is challenging these at-risk children to change their lives for the better. To date, John has helped well over a thousand inner-city children master algebra, setting their sights on a college education and the hope of escaping poverty.

With assistance from Bob Livingston, Bill Jefferson, and the U.S. Department of Education, 21 additional "I CAN Learn" classrooms (9 in Orleans Parish, 9 in Jefferson Parish, and 3 in Washington Parish) are being installed for the coming year. With these classrooms, John's goal is to prove his software is the first scaleable program which can improve students' test scores in all school settings, inner-city, rural and suburban.

John R. Lee graduated from the University of Pittsburgh with a B.S. degree in Chemical Engineering in 1970, and received his MBA in 1973. He began his career in the petrochemical industry and was the Vice President of Diversified CPC International, Inc., before going into business for himself in 1985. John eventually operated the largest fleet of jumbo LP gas, railroad tank cars that was not under the control of a major oil company—he had a fleet of 588 rail cars. Upon moving to New Orleans, he worked as a consultant to Chevron Chemicals Corporation for 7-1/2 years.



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New Orleans, LA 70150**

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