



A Message from the Chair

Dear Los Angeles Basin SPE Members,

As I am writing this December SPE newsletter message, it's hard to believe that we are almost already through the shortest days of the year, and after December 22, the days start to grow longer again. It's the start of a new year and the Los Angeles SPE is hoping to start some new programs.

Before I discuss the possible new programs, I would like to remind everyone of one of our most important events, the annual LA SPE Golf Tournament held in May. This fund-raiser is the single most important one for the LA SPE. It provides the majority of our operating budget for each year. Over the past years, Mark Shemaria has done a great job in spearheading the tournament program. He is asking for more volunteers to help at the event this year. Mark is holding the first tournament meeting **Wednesday December 13th, 11:00 am, at the Tidelands Office**. Please contact Mark directly (562-495-9392) as soon as possible or contact me at LOVESM@IX.NETCOM.COM, and I will forward E-mail to Mark.

One of the new programs we are hoping to start is a LA SPE Job Fair in February. The job fair would provide LA SPE members with an opportunity to network with local employers, as well as out of state companies. It also provides understaffed companies a chance to talk to some of our highly qualified members. The Job Fair would also be an LA SPE fund-raiser, with booth space paid for by the participating companies. I would be happy to discuss the Job Fair format and particulars with any interested companies.

Lastly, another new program we are planning for is the Young Professionals Social, headed by our LA SPE Vice-Chairwoman Brady Fellers. One concept was to have this event twice a year for 1) all the new college graduates that have recently taken jobs in the LA area, and 2) all the college students that are planning careers in the petroleum industry. With the help of seasoned and experienced SPE members, both the new professionals and the students could receive career guidance, discuss their personal experiences, and network.

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As usual, we are planning another interesting and timely technical presentation at our December Forum meeting – so please plan to attend. It’s a great way to meet old friends, new friends, and local companies. I hope everyone has a fun and safe holiday season.

Scott McGurk
Chairperson, SPE Los Angeles Basin Section

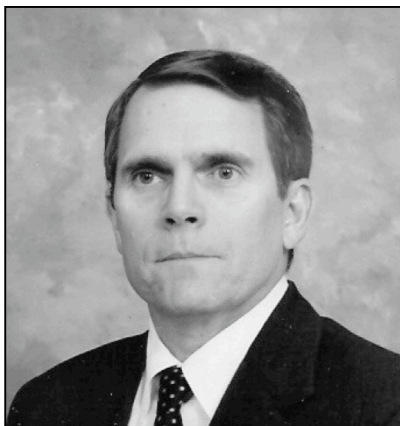
LA SPE Petroleum Technology Forum – December 12, 2006

Property Acquisitions in California – Trends and What We Really Know

The LASPE Monthly Petroleum Technology Forum next meets Tuesday December 12, 2006 at the Long Beach Petroleum Club. Mr. Richard J. Miller, R. J. Miller and Associates will present **“Property Acquisitions in California – Trends and What We Really Know.”**

High oil prices have increased acquisition and merger activity and increased prices dramatically. Richard has followed property transfers for many years and his remarks and assessment will be very interesting

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| <u>Location:</u> Long Beach Petroleum Club 3636 Linden Avenue Long Beach, CA 90807 | <u>Time:</u> Registration: 11:30 AM Buffet Lunch: 12:00 noon Presentation: 12:15-1:00 PM | <u>Cost:</u> \$20.00, students are our guests. |
|---|---|---|



Biography:

Richard Miller is an Accredited Senior Appraiser (ASA) with a specialty in Oil and Gas Property appraisal. He holds a B.S. in Petroleum Engineering (1967) from the New Mexico Institute of Mining and Technology and holds M.S. (1970) and M.B.A. (1976) degrees from the University of Southern California. He began his career as a petroleum engineer with Texaco, Inc. in California and Trinidad, West Indies. Richard was later employed by James A. Lewis Engineering and United California Bank. Mr. Miller founded Richard J. Miller & Associates, Inc. in 1978. The firm provides oil, gas and geothermal property evaluation services to a wide range of clients in the U.S. and Canada. The Firm specializes in the appraisal of oil and gas producing properties primarily for ad valorem tax and estate tax. Mr. Miller is the author of numerous technical papers on petroleum property appraisal and particularly the development of market valuation criteria such as discount rate. He is the author of a book section on oil property evaluation. Richard is also a member of AAPG, SPE and the Society of Petroleum Evaluation Engineers (SPEE). Mr. Miller is a former chairman of LASPE and was the national President of SPEE in 2000.

Board and Forum Report for November 2006

November Forum Report

The largest crowd of the 2006 – 07 Lecture Season met on November 14, 2006 in the Petroleum Club’s smallest room. Although somewhat inconvenient, cramped and hot, Darrell Wood of BP Exploration in Aberdeen, Scotland, gave an excellent review of key issues affecting water injector design in unconsolidated sands. Mr. Wood’s talk was oriented to the North Sea, but the issues there certainly seem to be similar to issues faced in the LA Basin; back flow causing sand fill, cross flow between zones, bad metallurgical design and applying the right completion design for different situations. Design criteria in the North Sea are driven by the need for long injector life with minimum interventions.



The pros and cons of the various designs were reviewed with the key take-away being that in the mature waterfloods in the LA Basin, injectors are every bit as important as producers and proper design requires quantifying the risks of applying each completion type in each particular situation. Darrell’s risk matrix of completion types is shown below.

| Sandface Completion Options | | | | |
|------------------------------------|----------------------|-------------|------------------------------|--------------------------------|
| | Sand Fill Prevention | Injectivity | Zonal Conformance/ Isolation | Installation Risk / Complexity |
| Case & Perf | ● | ● | ● | ● |
| Stand Alone Screen | ● | ● | ● | ● |
| Open Hole Gravel Pack | ● | ● | ● | ● |
| Cased Hole Frac Pack | ● | ● | ● | ● |
| Expandable Screen | ● | ● | ● | ● |

Result: ● Better ● Average ● Poorer

Next month, our own Richard Miller, will discuss “Property Acquisitions in California – Trends and What We Really Know.” The meeting will be held on December 12, 2006, at the Long Beach Petroleum Club in the Terrace Room.

Legion of Honor

SPE Honors Members with 50 Years of Continuous Membership

The three gentlemen below recently became Legion of Honor recipients. From left to right they are Eugene Kozlowski, Fred Crosby, and Clay Holladay, with Scott McGurk presenting the awards. The award is for 50 continuous years of membership in the SPE.



LA SPE Charity Golf Tournament

Golf Tournament – PLAN AHEAD

This year's Charity Golf Classic is expected to fill fast says Tournament Chair Mark Shemaria. Plan **now** and don't wait to the last minute, we fully expect to be sold out early again this year. The tournament is **Friday May 18th** and the 72 foursomes will compete at Los Serranos Country Club in Chino Hills a really great golf venue. If you only attend one tournament a year this is the one to be at! This event provides with an opportunity to help let our industry shine and give back to others during these so prosperous times! The Tournament is scramble format with a shotgun start at 1:00 in the afternoon. There is a BBQ starting at 11:00 AM sponsored by Weatherford Completion & Production Systems and pre-tournament events. This year also continues the *Company Cup Challenge* with the best teams from companies going head-to-head to win the prized cup and the honors of displaying it at there office for the next year!

For more information on golf, sponsorship, raffle and/or auction prize donations or helping out with the tournament please contact Tournament Chair Mark Shemaria at (562) 495-9392 or mark.shemaria@tidelandsoil.com or watch for upcoming news on the LA Basin SPE's web site at www.laspe.org.

POSITIONS AVAILABLE



OPERATIONS ENGINEER

Background:

Linn Western Operating, Inc. (LWOI) recently acquired the assets of Blacksand Energy, i.e., ~2200 BOPD from 6 leases in the Brea-Olinda oilfield. Aggressive development plans call for the addition of an experienced engineer to our Brea office. LWOI is a wholly owned subsidiary of Nasdaq-listed, Pittsburgh-based Linn Energy, LLC (www.linnenergy.com), a rapidly growing independent energy company with assets in the Appalachians and Oklahoma.

Similar to other independent oil companies, LWOI operates self-sufficiently, relying on a full time staff of 20 to manage 240 active wells, 3 waterfloods, 2 power-generating turbines, 4 tank farms and a gas plant. Plans for 2007 include 2-3 drill wells, 2-4 re-drills, 2-6 fracs, 10-30 acid stimulations, startup of new tank farm, expansion of self-generated power grid, re-building of various surface facilities, permitting of waterflood expansion, and expansion of pump-off controller network. In addition, continued progress of large housing development on the Stearns lease will require wellhead elevation changes, stimulation and lift system upgrades on ~50 wells.

Work Categories Requiring Engineering Assistance:

- Maximization of reserve base present value
- Maximization of individual well performance
- Workover procedure preparation, supervision and follow-up
- Technical and economic post-project evaluation
- Database establishment (surveillance, well-maintenance and plan-for-every-well)
- Reservoir surveillance
- Water-flooding optimization and expansion
- Water quality and chemical program management
- Artificial lift design (primarily rod-pump) and optimization

Qualifications of Ideal Candidate:

- Hard-working, result-oriented self-starter
- Demonstrated ability to improve oilfield profitability
- Works efficiently with minimal supervision
- Works on multiple projects simultaneously
- Makes sound decisions with incomplete information
- Strong organizational and time-management skills
- Hands-on knowledge of field operations, especially production, injection, surface facilities
- Working knowledge of drilling, rate forecasting, reserves determination
- Demonstrated ability to make independent economic evaluations
- Familiarity with office, technical and economic software
- Excellent written and verbal communication skills
- Works well with teams, including field personnel, contractors, off-site experts
- Minimum 5 years L.A. Basin oilfield experience
- Petroleum Engineering degree or equivalent

To Apply:

Interested/qualified candidates are encouraged to send cover letter and resume in confidence to:
Glenn Swanson, VP Operations, Linn Western Operating, 2000 Tonner Canyon Rd, Brea, CA 92821,
gswanson@linnenergy.com.

POSITIONS AVAILABLE

PETROLEUM ENGINEER – CITY OF LONG BEACH

Job Number: **54** **Apply Online <http://www.longbeach.gov/civilservice>**

Salary Range: Grade Levels I – II \$2,955.44 to \$4,452.80 Biweekly; \$6,425.00 to \$9,681.00 Monthly
**APPLICATIONS AVAILABLE: 7:30 A.M. TO 4:30 P.M., NOVEMBER 3, 2006 THROUGH
DECEMBER 29, 2006.**

**FILING DEADLINE: 4:30 P.M., DECEMBER 29, 2006. COMPLETED APPLICATIONS AND
SUPPLEMENTAL APPLICATIONS MUST BE RECEIVED IN THE CIVIL SERVICE DEPARTMENT
ON OR BEFORE THE FILING DEADLINE. APPLICATIONS WILL NOT BE ACCEPTED AFTER
THAT DATE AND TIME. POSTMARKS WILL NOT BE ACCEPTED.**

EXAMPLES OF DUTIES: Under direction, performs increasingly more complex and responsible professional petroleum engineering work pertaining to oil field development, oil and gas production/injection operations, enhanced recovery methods, and other related work; directs, reviews, evaluates, coordinates teams, and/or participates in the preparation of petroleum engineering projects, studies, and programs pertaining to oil field development, oil and gas production operations, reservoir performance, oil and gas reserves, field equipment, enhanced recovery methods, abandonment operations, and other related petroleum engineering work; monitors reservoir injection/production performance; directs and/or participates in field work in connection with drilling and production operations; plans, observes and reviews formation tests, coring, cementing, surveys, and remedial and production operations; inspects field equipment; reviews and analyzes electric logs and makes well completion recommendations; evaluates contracts and regulations; develops budgets pertaining to oil operations; prepares and presents formal written and oral presentations to City, Department, contractor, and regulatory personnel; directs and ensures compliance with environmental and safety regulations; may supervise, coordinate, plan, assign, train, direct, and evaluate subordinate personnel; and performs other related duties as required.

REQUIREMENTS TO FILE:

- Current registration as a Petroleum Engineer in the State of California (proof required)*; graduation from an accredited college or university with a Bachelor's degree in Petroleum Engineering, Geology or closely related field (proof required)*; and five or more years (full-time equivalent) of recent paid experience in petroleum engineering, petroleum geology, or oil field operations.
- A Master's Degree in Petroleum Engineering may be substituted for one year of the required experience (proof required)*.
- Knowledge and ability to operate computers using spreadsheets, word processing, and other business and technical software pertaining to petroleum engineering.
- Proof of a valid motor vehicle operator's license, including a current DMV driving record, is required at time of appointment and must be presented to the hiring department at the time of selection interview.

***Applications will not be processed until all required proofs are received. Any required proofs, such as certificates, diplomas, licenses, or transcripts, must be received in the Civil Service Department by January 3, 2007.**

Continued on next page

POSITIONS AVAILABLE

Petroleum Engineer – City of Long Beach, continued

If an applicant has questions regarding the licensing process, please contact the California Board for Professional Engineers and Land Surveyors at (916) 263-2222. Web address is www.dca.ca.gov/pels.

DESIRABLE QUALIFICATION: Wilmington Oil Field experience.

SELECTION PROCEDURE: This examination will be conducted using the continuous, non-competitive procedure. All applicants meeting the requirements to file will be placed on the eligible list, with those receiving Veteran's credit first, and then in the order in which applications are filed. Screening of candidates will be conducted on the basis of applications submitted. Resumes will be accepted, but may not be substituted in lieu of the required application and supplemental application forms. As vacancies occur, names of qualified applicants will be submitted to the requesting department for consideration.

This information is available in an alternative format by request to (562) 570-6202.

J.O.B. 54-07 K34NN-07

11/01/06

DD (Petroleum Engineer J.O.B. 2007)

PETROLEUM ENGINEERING ASSOCIATE – CITY OF LONG BEACH

Job Number: 46 Apply Online <http://www.longbeach.gov/civilservice>

Salary Range: Grade Levels I – II \$2,114.32 to \$3,443.92 Biweekly; \$4,597.00 to \$7,487.00 Monthly

APPLICATIONS AVAILABLE: 7:30 A.M. TO 4:30 P.M., NOVEMBER 3, 2006 THROUGH DECEMBER 29, 2006.

COMPLETED APPLICATIONS AND SUPPLEMENTAL APPLICATIONS MUST BE RECEIVED IN THE CIVIL SERVICE DEPARTMENT ON OR BEFORE THE FILING DEADLINE. APPLICATIONS WILL NOT BE ACCEPTED AFTER THAT DATE AND TIME. POSTMARKS WILL NOT BE ACCEPTED.

EXAMPLES OF DUTIES: Under supervision, performs increasingly complex and responsible petroleum engineering and/or geology work pertaining to oil field development, oil and gas production operations, enhanced recovery methods, and other related work; participates in project teams for economic and operational evaluation of field activities and reservoir surveillance; participates in evaluating procedures to ensure oil field environmental and safety regulatory compliance; prepares, reviews or assists in the preparation of petroleum engineering projects, studies, and programs pertaining to oil field development, oil and gas production operations, drilling, oil and gas reserves, field equipment, secondary recovery, enhanced oil recovery, abandonment operation; assists in the planning of oil field, community and industrial development to ensure oil operations compatibility with competitive land use areas; participates in developing operational plans to optimize economic oil recovery; evaluates contracts and regulations pertaining to the oil operations; assists in the development of oil fields budget; assists in the preparation and the making of formal oral presentations to City, Department, contractor, and regulatory personnel; may conduct physical and chemical tests concerning oil, gas and water; may perform in a lead capacity over subordinate personnel; and performs other related duties as required.

Continued next page

POSITIONS AVAILABLE

Petroleum Engineering Associate – City of Long Beach, continued

REQUIREMENTS TO FILE:

- Graduation from an accredited college or university with a Bachelor's degree in Petroleum Engineering, Geology or closely related field (proof required)*
 - **OR**
- Proof of graduation from an accredited college or university with a Bachelor's degree (proof required)*, and two or more years (full-time equivalent) of recent paid experience in petroleum engineering, oil field operations, or other petroleum related operations.
- Knowledge and ability to operate computers using spreadsheets, word processing, and other business and technical software pertaining to petroleum engineering.
- Willingness to work occasional weekends, holidays, and split shifts.
- Proof of a valid motor vehicle operator's license, including a current DMV driving record, is required at time of appointment and must be presented to the hiring department at the time of selection interview.
-

***Applications will not be processed until all required proofs are received. Any required proofs, such as certificates, diplomas, licenses, or transcripts, must be received in the Civil Service Department by January 3, 2007.**

DESIRABLE QUALIFICATIONS: Wilmington Oil Field experience.

SELECTION PROCEDURE: This examination will be conducted using the continuous, non-competitive procedure. All applicants meeting the requirements to file will be placed on the eligible list, with those receiving Veteran's credit first, and then in the order in which applications are filed. Screening of candidates will be conducted on the basis of applications submitted. Resumes will be accepted, but may not be substituted in lieu of the required application and supplemental application forms. As vacancies occur, names of qualified applicants will be submitted to the requesting department for consideration.

This information is available in an alternative format by request to (562) 570-6202.

J.O.B. 46-07 K37NN-07

11/01/06

DD (Petroleum Engineering Associate J.O.B.2007)

SAVE THE DATE!

This year's
Annual Classic LA SPE Charity Golf Tournament
is on May 18

To participate or help by volunteering

Contact Mark Shemaria
Tidelands Oil Production Company
(562) 495-9392 direct (562) 495-1950 fax
(562) 244-3532 cell

DAVID B. DEL MAR
Consulting Petroleum Geologist
California Registered Geologist #634

Development - Thermal EOR - Property Reviews

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Los Angeles, CA 90026

C (323) 219-3804
H (323) 664-3358
dbdelmar@earthlink.net

**Please notify SPE Headquarters directly with change of address: P.O. Box 833836,
Richardson, TX 75083 Tel: (800) 456-6863 Fax: (972) 952-9435 or go to**
<http://www.spe.org/mbrservices/index.cfm>

**We appreciate your feedback. Send your comments/suggestions/contributions to Larry
Gilpin, Editor: larry@4thforge.com If you no longer wish to receive this newsletter, please
send an email to larry@4thforge.com**

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