



SPE Meeting

Monday, February 6, 2012

Christie's Bistro
Located in the Lexington Lansing Hotel
925 South Creyts Road
Lansing, Michigan 48917
(517) 323-4190
(see Page 3 for map)

5:00 to 6:00 PM – Social Hour
6:00 PM – Dinner
Presentation after Dinner
Cost (includes dinner): \$30.00 (Students \$20.00)

Topic:
Sources of Productivity Impairment in Openhole
Completions
by
Richard Hodge
ConocoPhillips

SPE Dinner Meeting Reservation

Name: _____

Number Attending: _____

*NOTE: Please pay at the door to avoid lost mail/checks.

Please RSVP by November 3rd.

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Troy, MI 48098
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Society of Petroleum Engineers Distinguished Lecturer 2011-2012 Lecture Season



Sources of Productivity Impairment in Openhole Completions



Richard Hodge
ConocoPhillips

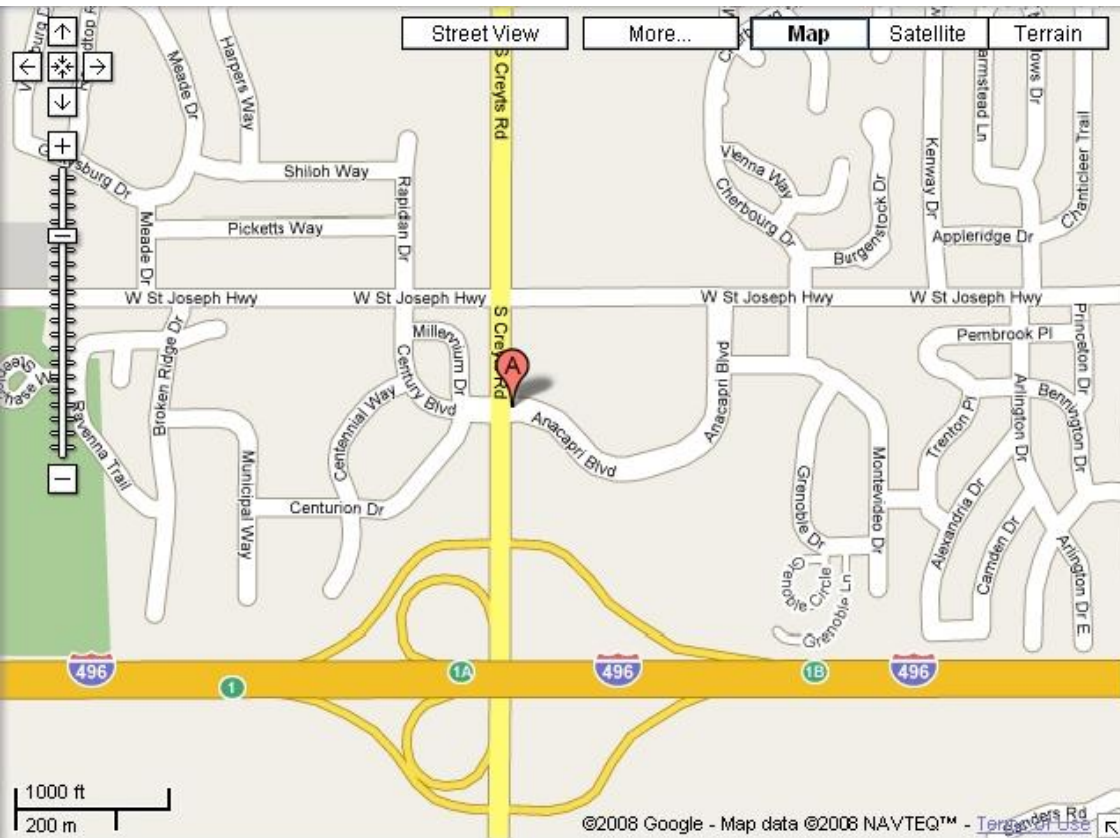
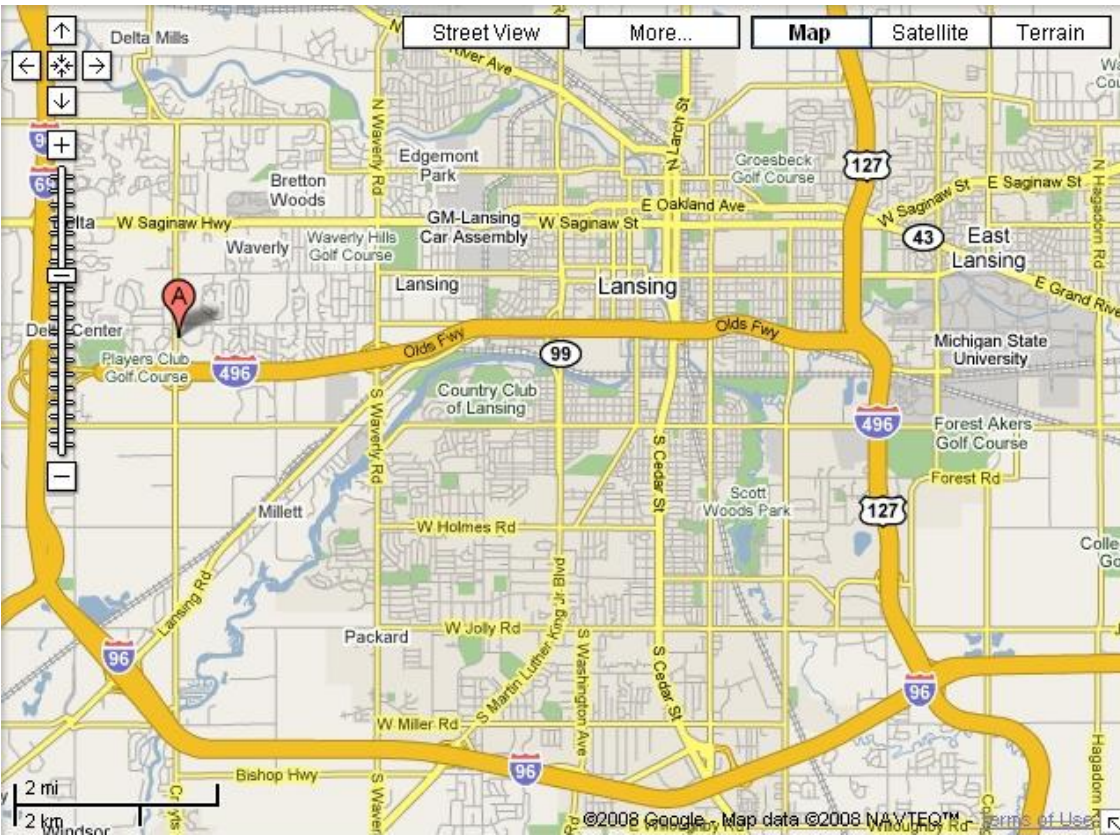
Abstract: Openhole completions are commonly used to obtain high-productivity wells in a variety of applications throughout the world. However, there is little agreement in the industry with regard to best practices for drilling and completing these wells. This is particularly true for openhole completions requiring sand control.

In part, the lack of a clear consensus regarding drilling and completion practices and products is due to the complex interaction of near-wellbore formation damage and completion impairment on well performance. As drilling and completion conditions become more demanding and well costs escalate, the risk of well failure and the associated impact on project economics becomes a major consideration. To minimize the risk of well failure and maximize well productivity, laboratory testing programs are often used to select products and optimize practices.

This presentation will examine common sources of productivity impairment in openhole completions and illustrate the impact of formation damage and completion impairment on well performance. Field case histories will be provided to link laboratory observations to well performance. Finally, recommendations will be presented for maximizing the performance of openhole completions. The presentation will show that properly designed and implemented laboratory testing programs drastically reduce the dual risks of hole instability and formation damage in openhole drilling operations and well completions.

Biography: **Richard Hodge** is a principal scientist in the ConocoPhillips-Completion Engineering group. His current responsibilities include providing worldwide technical support for completion operations. Hodge's specific areas of responsibility include hydraulic fracturing, acidizing, sand control, formation-damage prevention/ remediation and design of reservoir drill-in fluids. He has 36 years of experience in well completions and stimulation. He is co-author of the "Fracturing Fluid Chemistry and Proppants" chapter of Reservoir Stimulation (3rd Edition). Hodge holds 13 patents related to drilling, stimulation, and completions and has 27 publications.

Map to **Christie's Bistro**





MICHIGAN SECTION NEWS

2011-2012 Section Executives

Chairperson: Sue Burla 248-205-7414 susan_burla@transcanada.com
Program Chair: Luke Dewig 248-205-4514 luke_dewig@transcanada.com
Treasurer: Randy Schroeder 517-676-8063 sresources@att.net
Secretary: Allison Schwager 248-205-4544 allison_schwager@transcanada.com

SPE Michigan Section is actively seeking potential officers to serve on the executive committee for the 2011-2012 fiscal year. If you are interested in joining the Michigan Section executive committee, please contact any of the current committee members.

Membership Renewal Reminder

Do not forget to join or renew your membership with SPE for 2012! Visit www.spe.org for more information.

2011-2012 SPE Michigan Section Meeting Schedule

February 6, 2012 – Sources of Productivity Impairment in Openhole Completions by Richard Hodge
March 14, 2012 – TBD by Jac Lentz (Joint Meeting with MBGS)
May 10, 2012 – Drilling and Completion Activities Related Rock Mechanics by Francisco Henriques Ferreira

SPE International Information

Upcoming SPE Events:

Table with 3 columns: Date, Title, Location. Lists various SPE conferences and exhibitions from Jan to May 2012.

For information regarding the upcoming SPE conferences or exhibitions, visit the Society for Petroleum Engineers website at www.spe.org.

SPE Michigan Section Website

The SPE Michigan Section website is located at http://michigan.spe.org. Newsletters, contact information and announcements can be found at this website.

Request for e-mail addresses

If you received this newsletter by "snail mail", we do not have your valid e-mail address. Please send an e-mail to Allison Schwager so we can update our files and provide information to you on a timely basis.

Request for feedback

Comments? Questions? Concerns? How can your SPE section serve you better? To voice your opinion on any aspect of section membership, please contact [Sue Burla](#) or talk to any of the executives at an upcoming meeting.

Announcements

Do you have an announcement you would like to share with the Michigan Section membership? Please send an email to [Allison Schwager](#) for inclusion in an upcoming newsletter.

Request for Speakers

We are always looking for speakers for upcoming SPE meetings. If you have a talk on a geological or engineering topic, we can provide the audience. Please contact [Sue Burla](#).

Advertising Opportunities

If you are interested in advertising in the Michigan Section newsletter, please contact [Sue Burla](#) or [Allison Schwager](#). Proceeds from advertising go to the SPE scholarship program.

Advertising Fee Schedule

Full page ad	\$75 per month
Half page ad	\$45 per month
Quarter page ad	\$25 per month

Deadline for the next newsletter (March): February 3, 2012.