



**Continuing Education Short Course (16 PDHs)**

**TITLE: Overview of Cold Production**

**INSTRUCTORS: Kirby Hayes, Bob Mottram, Ron Sawatzky**

**Instructor Profiles:** *Kirby Hayes* has an extensive cased hole wireline background. Currently his company, KHI, represents 8 corporations offering services and products primarily involved in heavy oil production in the Lloydminster area. Kirby has conducted various seminars, short courses and workshops, co-authored technical papers, and prepared many presentations on wide-ranging topics of interest to heavy oil producers. **Bob Mottram**, R.E.T., R.P.T. (Eng.), has more than 24 years of heavy oil experience, in various engineering and operations roles with both heavy oil E&P and service companies. Bob has conducted numerous heavy oil training courses. He currently works for Grit Industries in Lloydminster and is primarily responsible for the development of new technologies aimed at increasing the efficiency and profitability of heavy oil operations. **Ron Sawatzky** is a senior research scientist with the Alberta Research Council in Edmonton, with more than 17 years of experience working in research and development for heavy oil recovery processes. For the past 14 years he has served as one of the team leaders for the cold production research group at ARC.

**When?** April 24 & 25, 2006 8:30 am – 5:00 pm

**Where?** Holiday Inn Macleod Trail (Theatre Room), 4206 Macleod Trail SE, Calgary, Alberta

**What this course will provide:** This course is designed to provide an overview of current practices and theory for heavy oil cold production. Course content will include:

- Production Engineering – drilling and completions, production practices, transportation and marketing;
- Reservoir Engineering – recovery mechanisms, field behaviour, modelling;
- When Cold Production Fails – problems and remediation, workover methods and stimulation options.

**Who this course will benefit:** This two-day course is for technical and operations staff with heavy oil producers and service companies looking for an introduction to reservoir and production issues involved in the cold production recovery process.

**Cancellation policy and payment:** A fee of \$300 will be charged for cancellations less than 15 working days before the course begins. No refunds will be made for cancellations after the course begins, but substitutions are acceptable. Seating is limited and pre-registration is required. In the event the course is cancelled, a full refund will be given to those who have pre-paid.

**PLEASE COMPLETE ONE FORM FOR EACH REGISTRANT**

Send this form via facsimile to SPE at (403) 263-3796, mail to 800, 540 – 5 Avenue SW, Calgary, AB T2P 0M2 or

Email [speca@spemail.org](mailto:speca@spemail.org) ATTENTION: Janice Kyte

Name \_\_\_\_\_ Company \_\_\_\_\_

Company Address \_\_\_\_\_

City \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone ( \_\_\_\_\_ ) \_\_\_\_\_ Fax ( \_\_\_\_\_ ) \_\_\_\_\_

Email \_\_\_\_\_

\_\_\_\_\_ SPE Member(s) @ \$925.00 Cdn \_\_\_\_\_ = \$ \_\_\_\_\_

\_\_\_\_\_ SPE Non-member(s) @ \$1025.00 Cdn \_\_\_\_\_ = \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

VISA/MasterCard number \_\_\_\_\_ Expiration date \_\_\_\_\_

Name on card \_\_\_\_\_ Signature \_\_\_\_\_