

## CWSF 2005 - Vancouver, British Columbia



### Clay Williams, Bryan Frobb

#### Operation Distillation II

**Division:** Engineering & Computing Sciences

**Category:** Intermediate

**Region:** Alberta Central East

**City:** Hanna, AB

**School:** J.C. Charyk Hanna School

**Abstract:** Gas fields spend hundreds of thousands of dollars on methanol each year. This methanol eventually becomes mixed with water and is disposed of. Operation Distillation II uses the process of fractionation to recover methanol from a binary solution of water and methanol.

Awards	Value
AECL Award for Excellence in Science - Intermediate Sponsor: Atomic Energy of Canada Ltd.	\$750
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$300
<b>Total</b>	<b>\$2 050</b>