**SITUATION**

A pipeline management company with a large and growing portfolio needs to accurately determine the risk/reward ratio of its projects. U.S. oil production is on the rise and this organization wants to successfully and strategically benefit.

They asked ProModel consultants to develop a simulation solution to help make these risk evaluations. Portfolio Simulator our Enterprise Portfolio Simulator precursor, was used to build them a project evaluation process and tool.

**OBJECTIVES**

Analyze project costs compared to likelihood of completion by defined deadline.

**RESULTS**

The results were a project specific chart showing probabilities of success in correlation to cost by established completion dates.
ProModel consultants worked with this organization to develop a process in which, upon project initiation, they could import critical project data from Excel into the Portfolio Simulator tool. The important data included task variability and critical cost data. A 50-rep simulation was typically run in a matter of minutes.

The organization’s executives viewed the resulting data and custom reports and made definitive per project decisions. Typically a budget was established for each project, along with a project deadline. If the project deadline could not be met within the established budget allowance, the project was dropped.