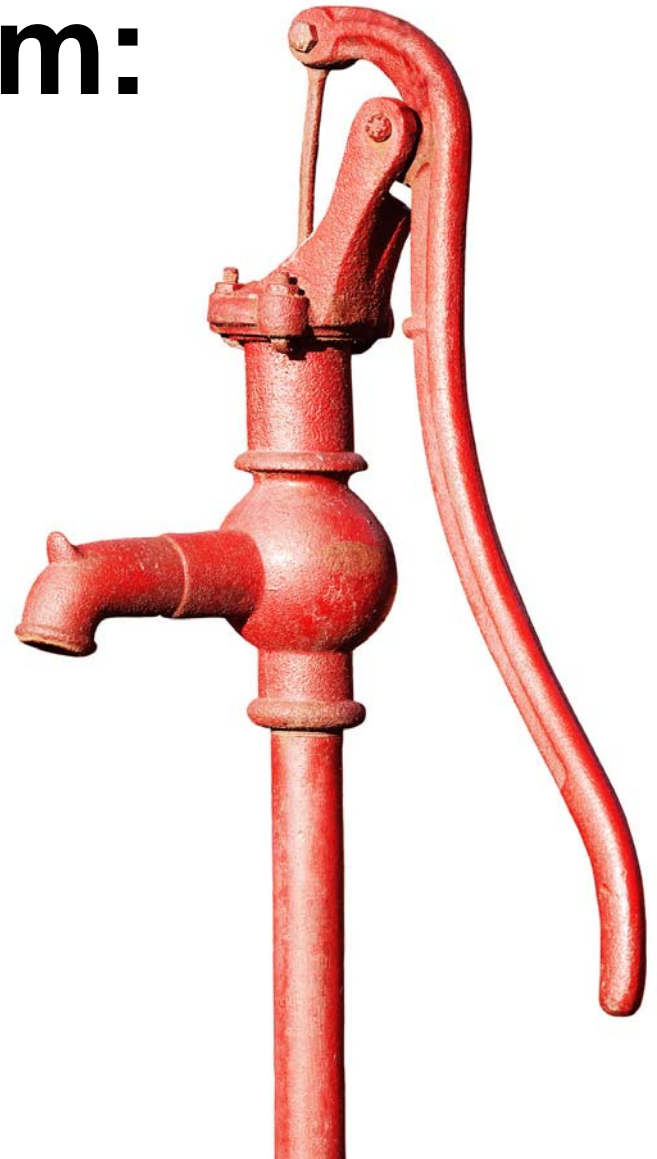


Shallow Gas De-Watering Pump Consortium:

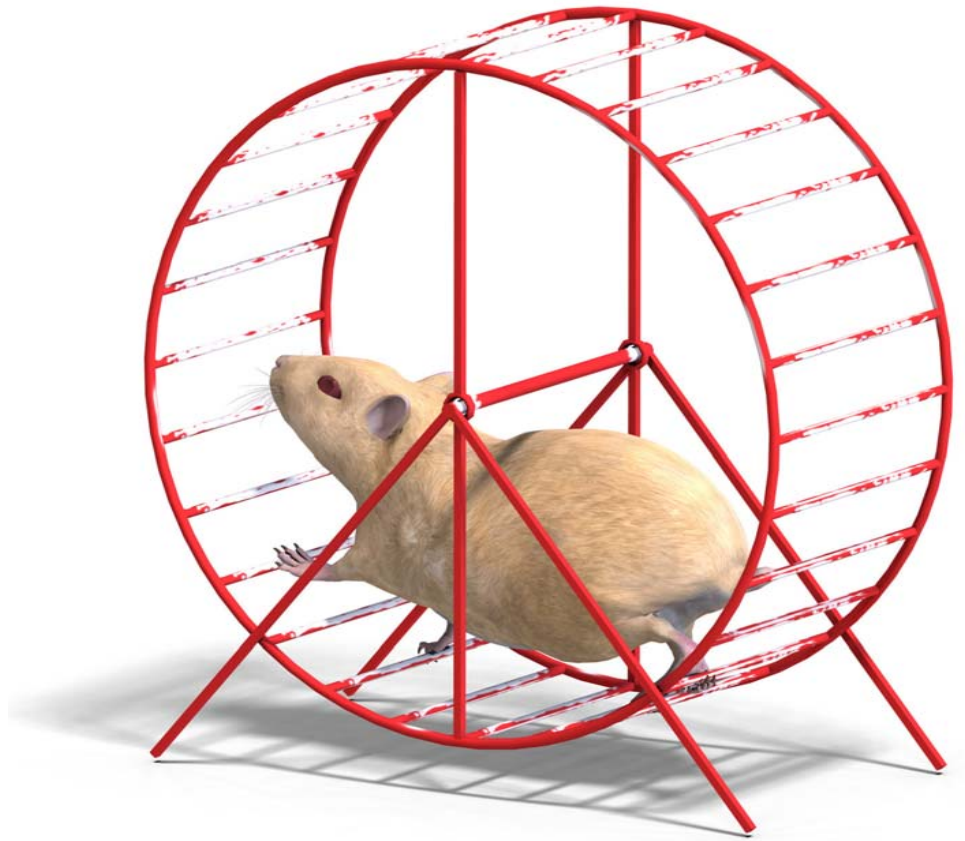
**Primed
for
Success**



...a true story

\$550,000+

Status Quo



Field trials without

- bench testing standards
- effective contractual agreements
- data gathering
- information sharing

Resulting in...

- under-estimated risk
- high pump failure rates
- financial loss
- hard feelings
- stunted technology development



...let's do something different!

Purpose

promote technology development

balance the financial and operational **risk**





BENEFIT

- affordable, focused technology advancement
- reduced operating costs
- improved gas production...rate and recovery

Governance

PTAC*

- Facilitator
- Administrator
- Agreement Manager
- Banker
- Government Funding Conduit

Project Steering Committee

O&G Companies, R&D Provider (C-FER)**

- Funders
- Project Manager



Pump Manufacturers

- Product Suppliers and Developers

*PTAC: Petroleum Technology Alliance of Canada

**C-FER: Centre for Engineering Research Inc.

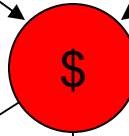
\$Finance\$

O&G Companies

- Cash (\$200,000 each)
 - In-Kind

Government

- Cash to match – ratio TBD



Workshop Bench
Testing

Independent Bench
Testing

Field
Testing

Timeline



2 Years & 2 Phases
Dec 2010 & Dec 2011



Establish
Steering
Committee:
Jan 2010



Confirm
Consortium:
Dec 2009

Collaboration + Good Process =
Success

