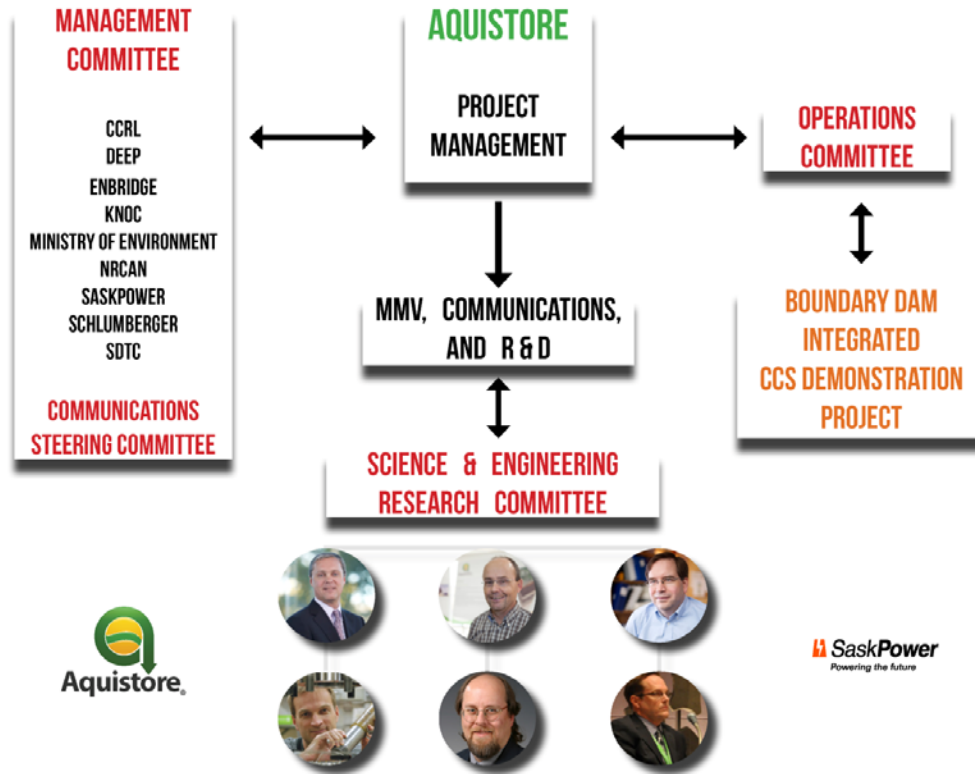


AQUISTORE: CO₂ STORAGE IN SASKATCHEWAN

- Storing CO₂ underground in deep saline formation
- Independent research project – SaskPower owner and operator of the wells, Aquistore/PTRC manages Measurement, Monitoring and Verification
- Injection commenced April 16, 2015, ribbon cutting ceremony May 20, 2015
- Testing and comparing proven and novel measurement, monitoring and verification technologies for efficiency and economics



AQUISTORE: STRUCTURE AND SERC

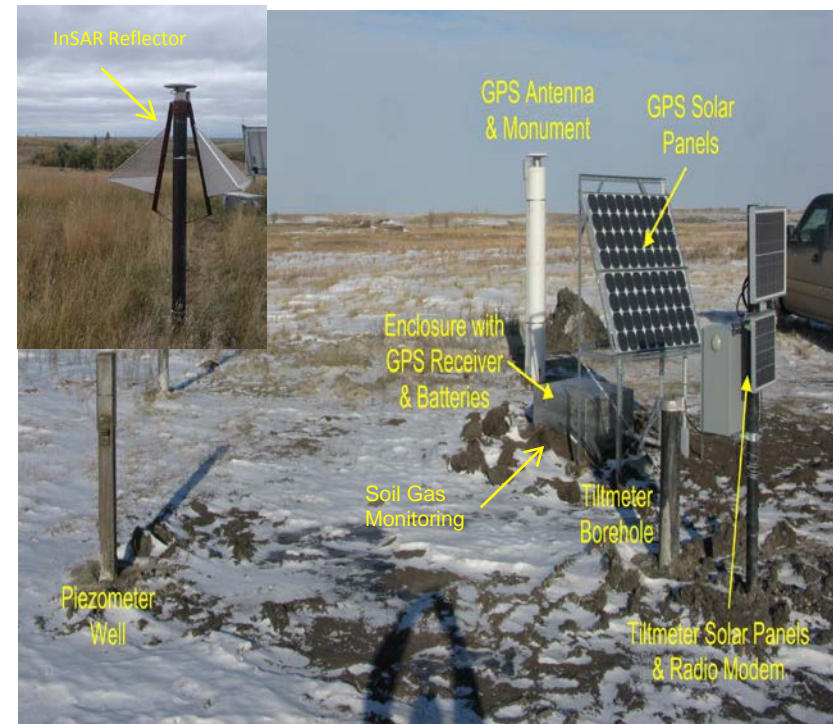


AQUISTORE: MMV



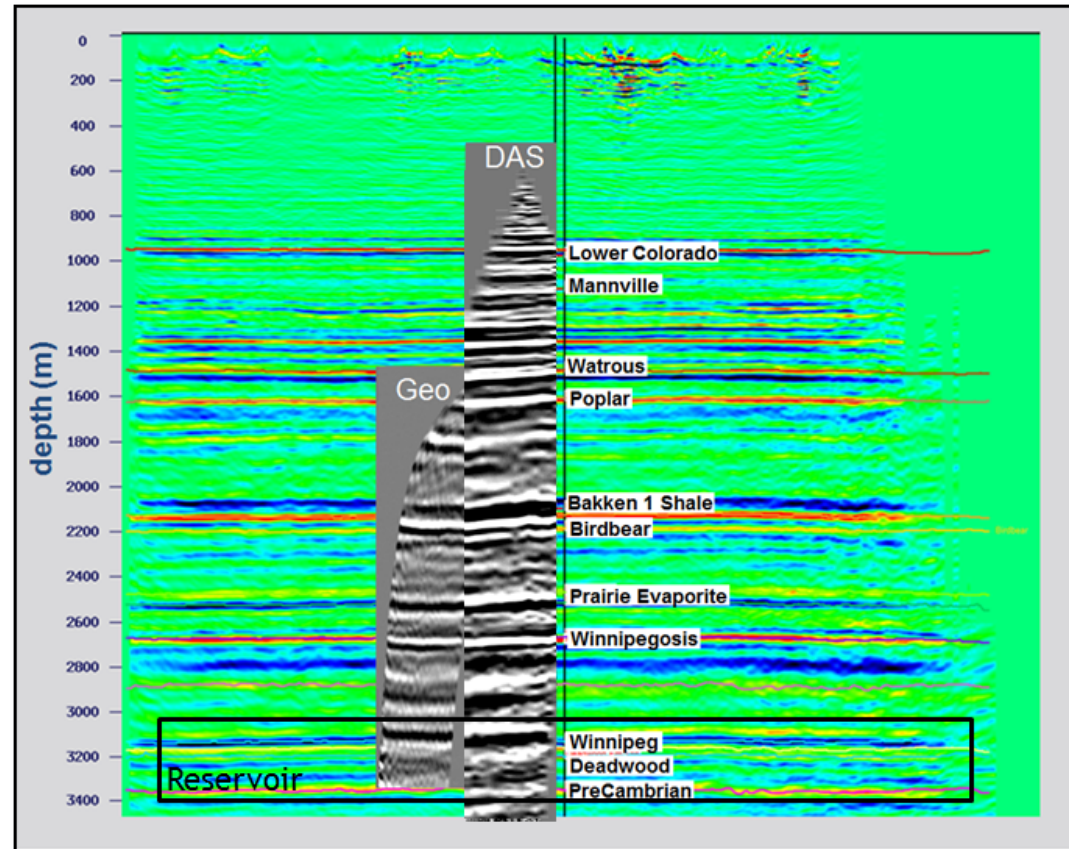
MMV EFFICIENCY AND ECONOMICS

- **Fixed monitoring:** *655 geophone permanent seismic array*
 - Increased repeatability factor, improved imaging
 - Significant cost savings
- **Co-located:** *groundwater, soil gas, tiltmeter, InSar and GPS surface installations*
 - Less surface impact.
 - Ease of access, electricity, communications.
 - Visible installations for assurance.
- **Casing conveyed:** *downhole pressure & temperature gauges, DTS, DAS and fluid recovery system*
 - Locating for operations and monitoring
 - Reliability, redundancy, sensitivity and lifespan
 - Wellbore availability



CUTTING EDGE TECHNOLOGY: FIBRE OPTICS

- Compare multi-source, multi-receiver and multi-company tools for efficacy and economics.
- Potential to replace the industry standard geophone strings.
- Applications in CCS as well as commercial applications for oil, gas and mining industries.



INDEPENDENT REVIEW & COMMUNICATIONS

- May 2009, Aquistore's Science and Engineering Research Committee (SERC) formed.
- Independent technical oversight committee
- Provides a valuable resource to Aquistore's public outreach program.
- Landowner relationship building.
- February 2012, kitchen table discussions.



THANK YOU FOR YOUR ATTENTION

ADDITIONAL THANKS TO OUR IN-KIND COLLABORATORS



Korea National Oil Corporation



Ressources naturelles Canada

Natural Resources Canada

