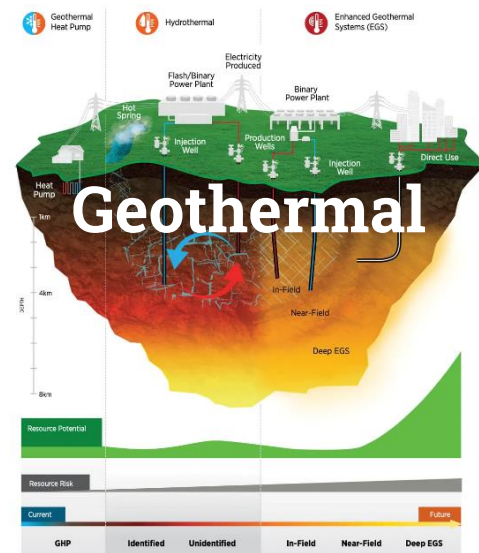
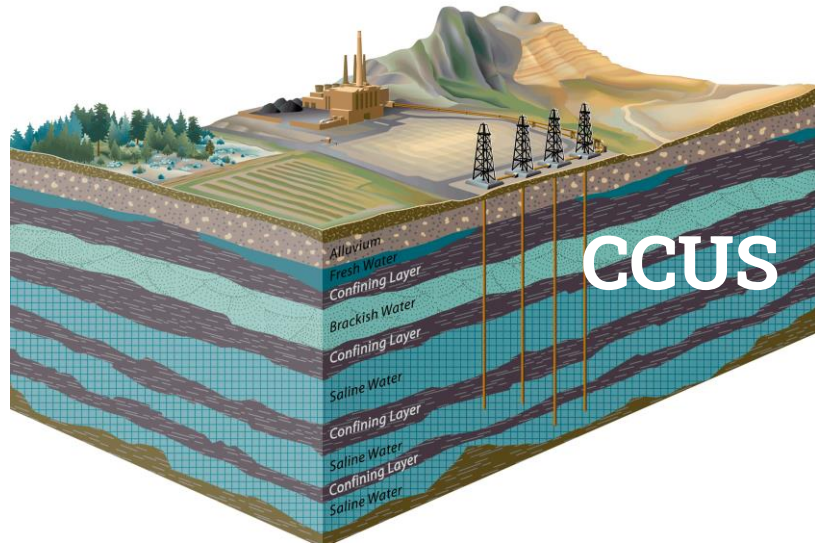
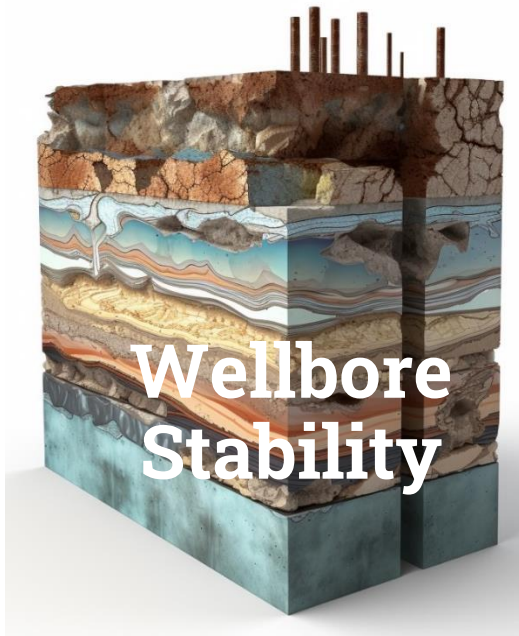


De-Risk with Increased Confidence via Real-Time, In Situ Rock Strength and Stress Data



Integrity Insitu LLC

INSITU ROCK STRENGTH DATA

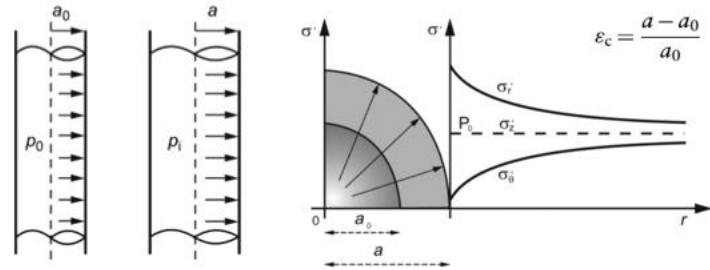
INTEGRITYINSITU.COM



Physical, Mechanical Acquisition of Rock Strength & Stress Magnitudes From Within Your Vertical or Horizontal Wellbores

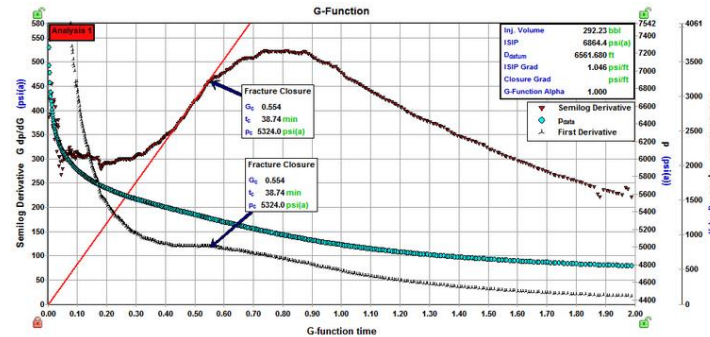
Intelligent Packer

- Instrumented packer that measures the rock's response to applied force and displacement



Mini-Frac

- Low volume, high pressure fluid injection
- 14,500 psi differential
- Flowback capable, pump from surface or downhole



Shear Head

- Downhole combination of a direct shear box test and a 'scratch test'



Integrity Insitu LLC

INSITU ROCK STRENGTH DATA

INTEGRITYINSITU.COM



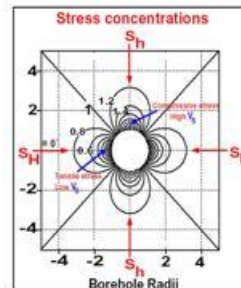
Universal Data that Connects Silos & Crosses Borders

Physically Measured via the HTHP Insight Tool:

- Minimum In Situ Stress
- Permeability
- Average In Situ Stress
- Shear Modulus
- Maximum In Situ Stress
- Residual Strength
- Maximum In Situ Stress
- Stress Anisotropy Orientation
- Cohesion
- Friction Angle
- UCS
- Tensile Strength
- Brittleness

Finite Element Modelling Outputs:

- Young's Modulus
- Poisson's Ratio
- Undrained Shear Strength
- Undrained Shear Modulus
- Unloading Shear Strength
- Shear Stiffness Coefficient
- Shear Exponent of Elasticity
- Maximum Shear Modulus
- Insitu Pore Pressure
- Dilation Angle
- Dynamic Viscosity of Pore Fluid



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INSITU ROCK STRENGTH DATA

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Revolutionize the Game with Real-Time, In Situ Measurements

Would you benefit from real-time results?

Would in situ data improve your Mechanical Earth Models?

We physically measure in situ rock strength and stress properties via mechanical testing of the wellbore wall!

Cory Fehr, PMP
President and CEO
(403) 923-2908
cfehr@integrityinsitu.com

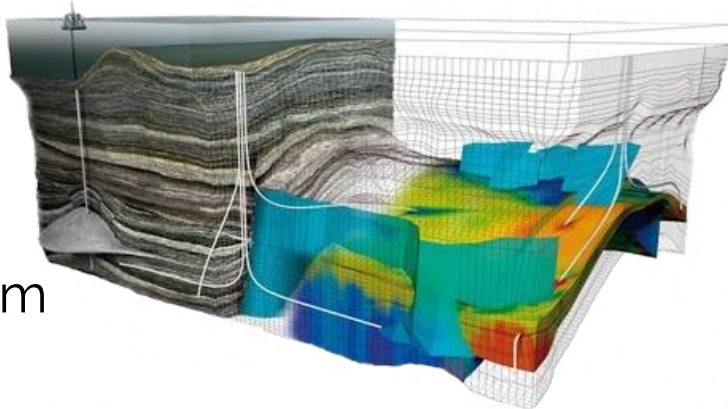
www.integrityinsitu.com

info@integrityinsitu.com

 integrity-insitu

t @integrityinsitu f integrityinsitu

 integrityinsitu



#910, 11111 Katy Freeway
Houston, Texas 77079

Unit 1, 2915 10th Avenue NE
Calgary, Alberta T2A 5L4



Integrity Insitu LLC

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