

New wells at Priddis

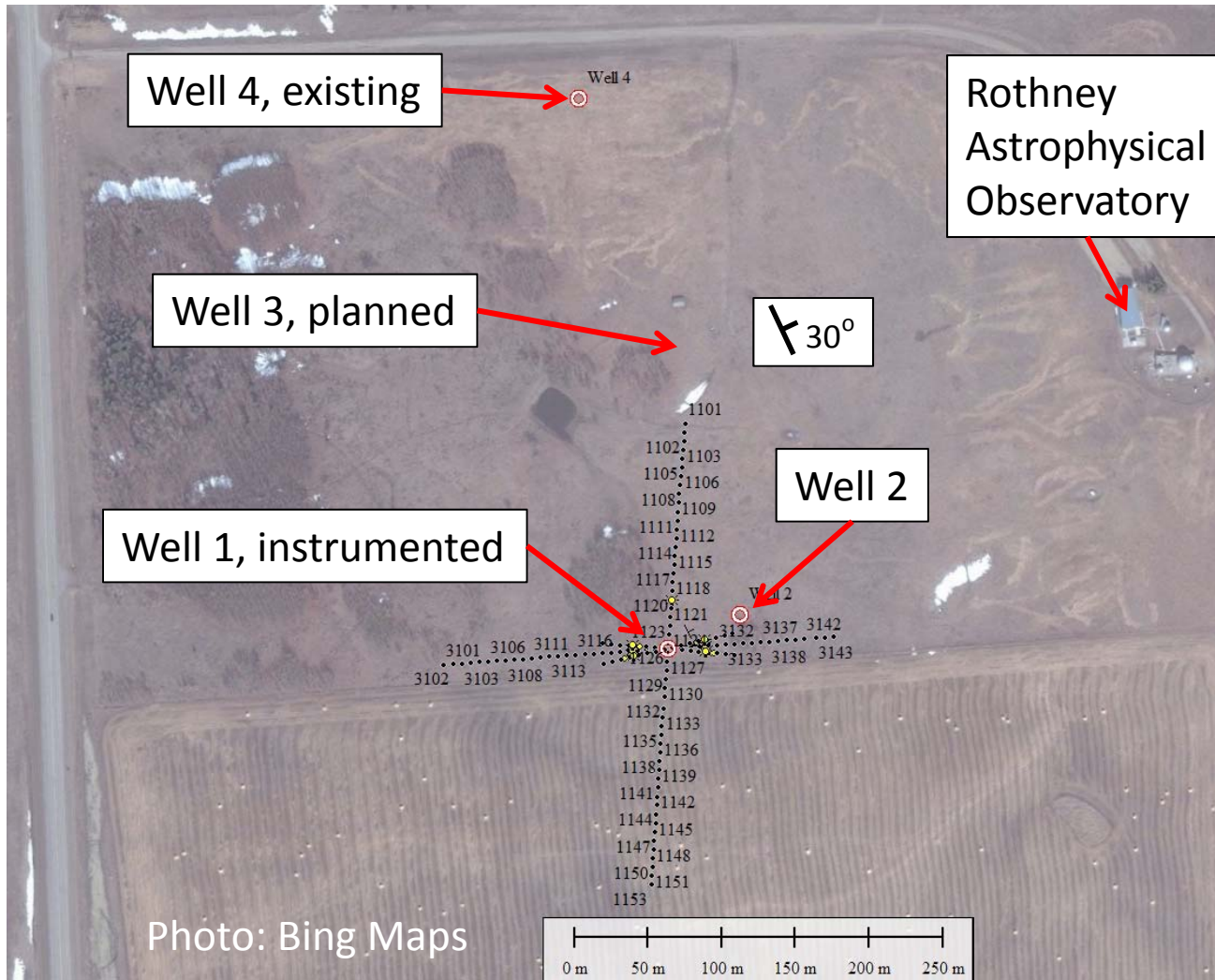
Installation of new observation wells at the Priddis Geophysical Observatory

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Objectives

- Education
 - Undergraduate and graduate student introduction to borehole seismic and well-logging methods
- Research
 - Near surface V_p/V_s , Q
 - Receiver testing and comparisons
 - Source testing
 - VSP, Reverse VSP, Crosswell, Microseismic

Location



Priddis: Scenery and geophone cables



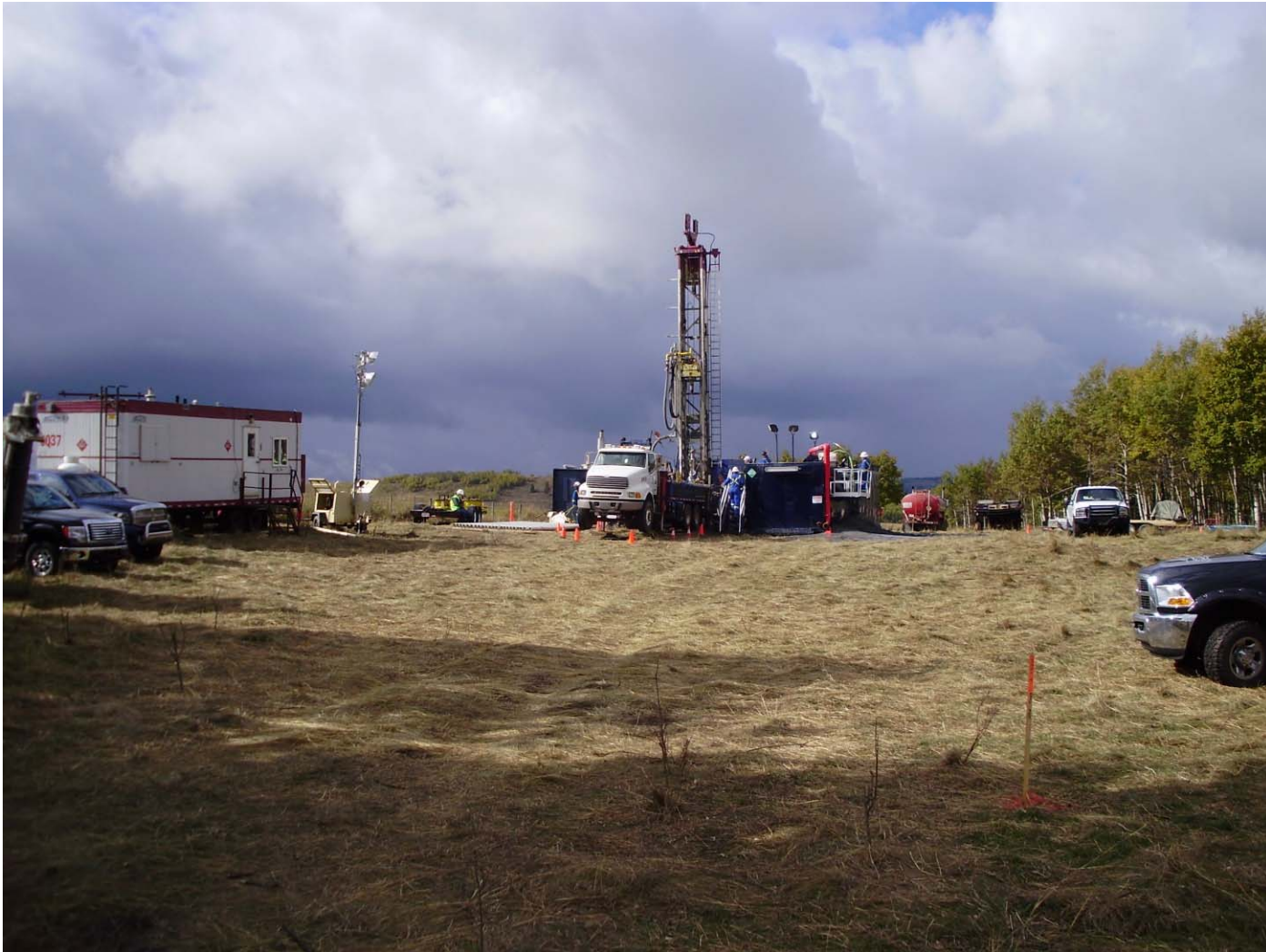
Well 1: Shothole rig, Well 2: Drill rig



Well 1: Drill rig



Well 1: Drill rig



Well 1: Core, 7.3cm (2 7/8"), 31.5 m-124.0 m



Well 1: Geophone cables



Well 1: Geophone cable 12 of 12



Well 1: Optical fibre



Well 1: PVC casing



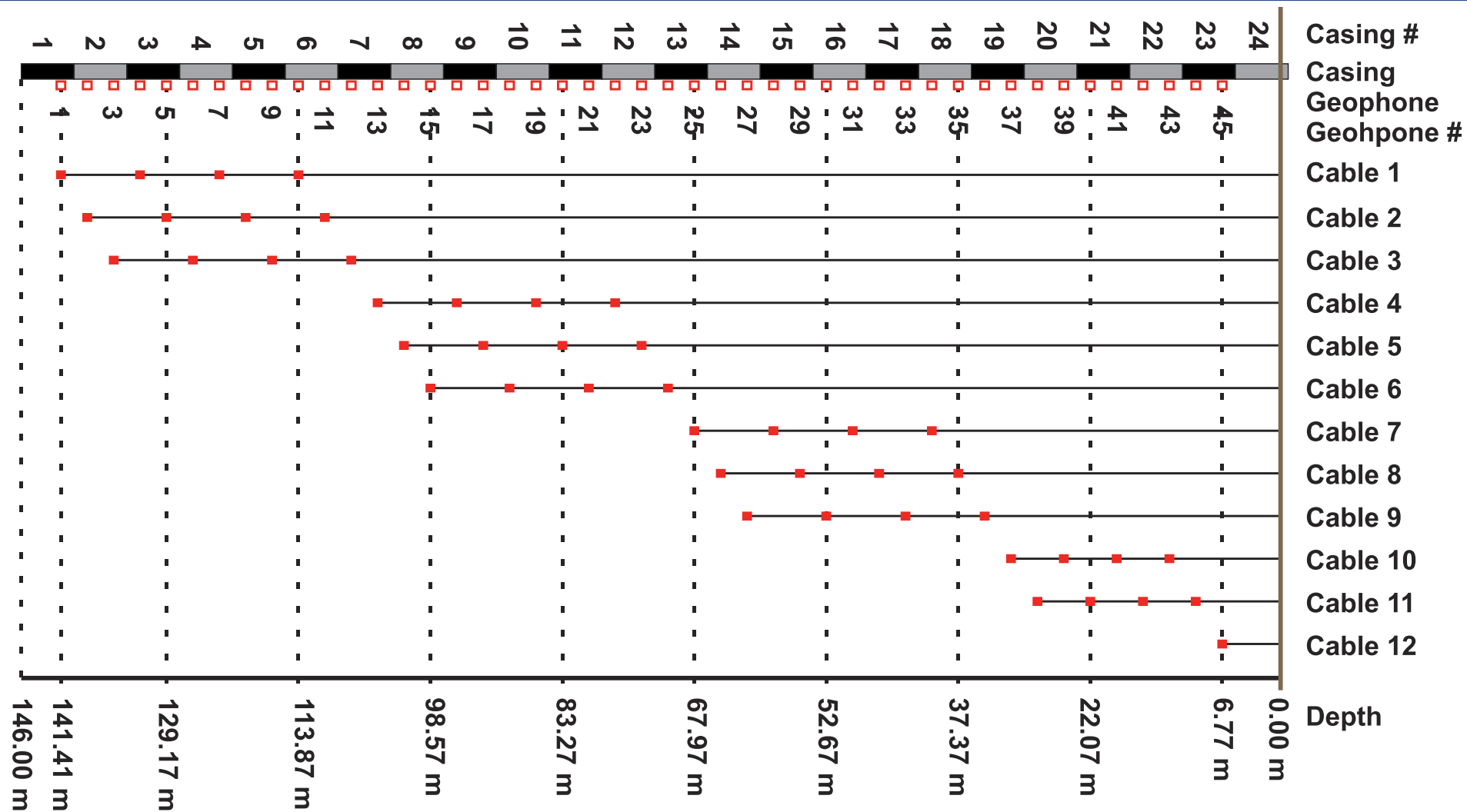
Well 1: Float shoe



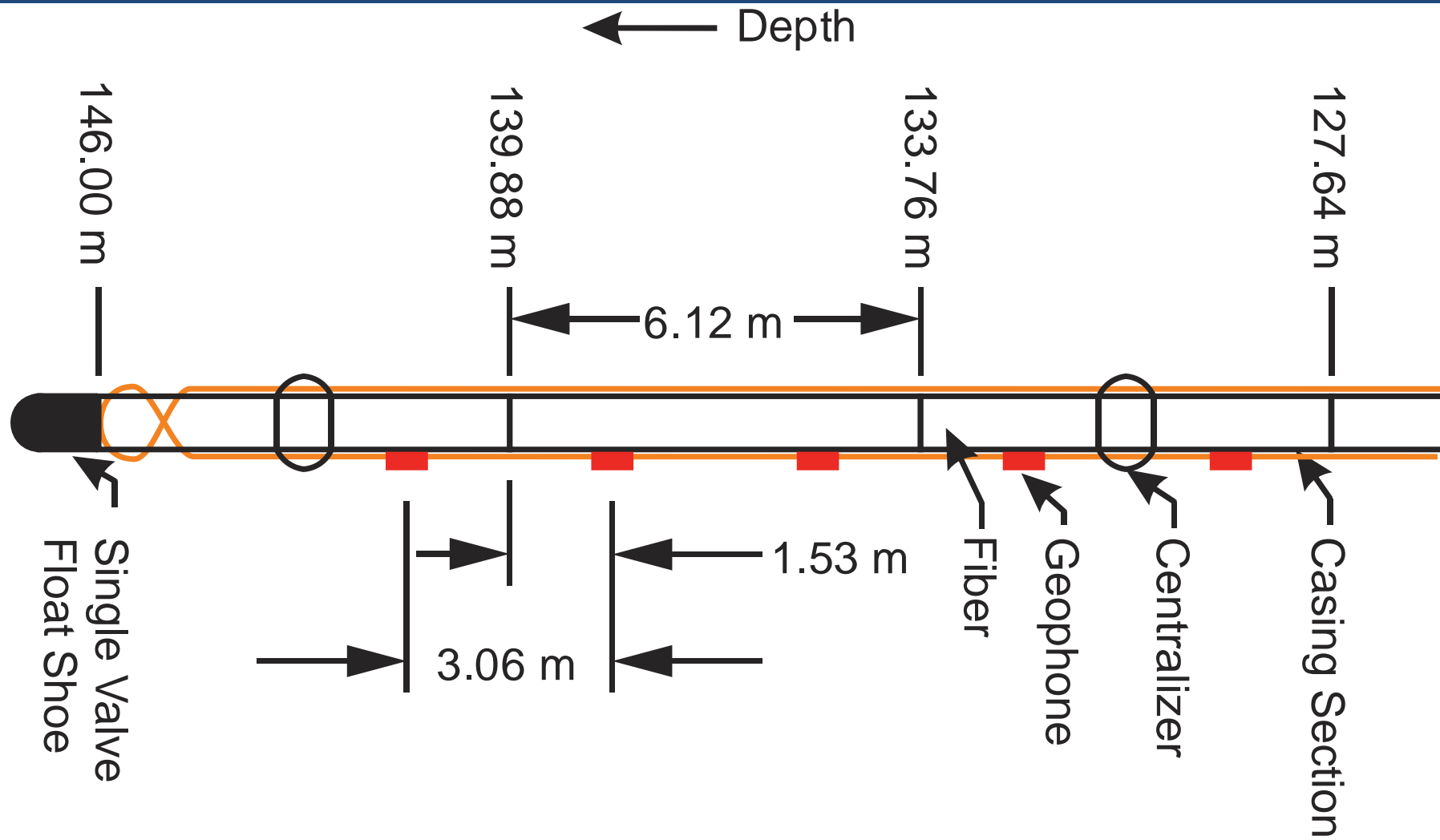
Well 1: Centralizer



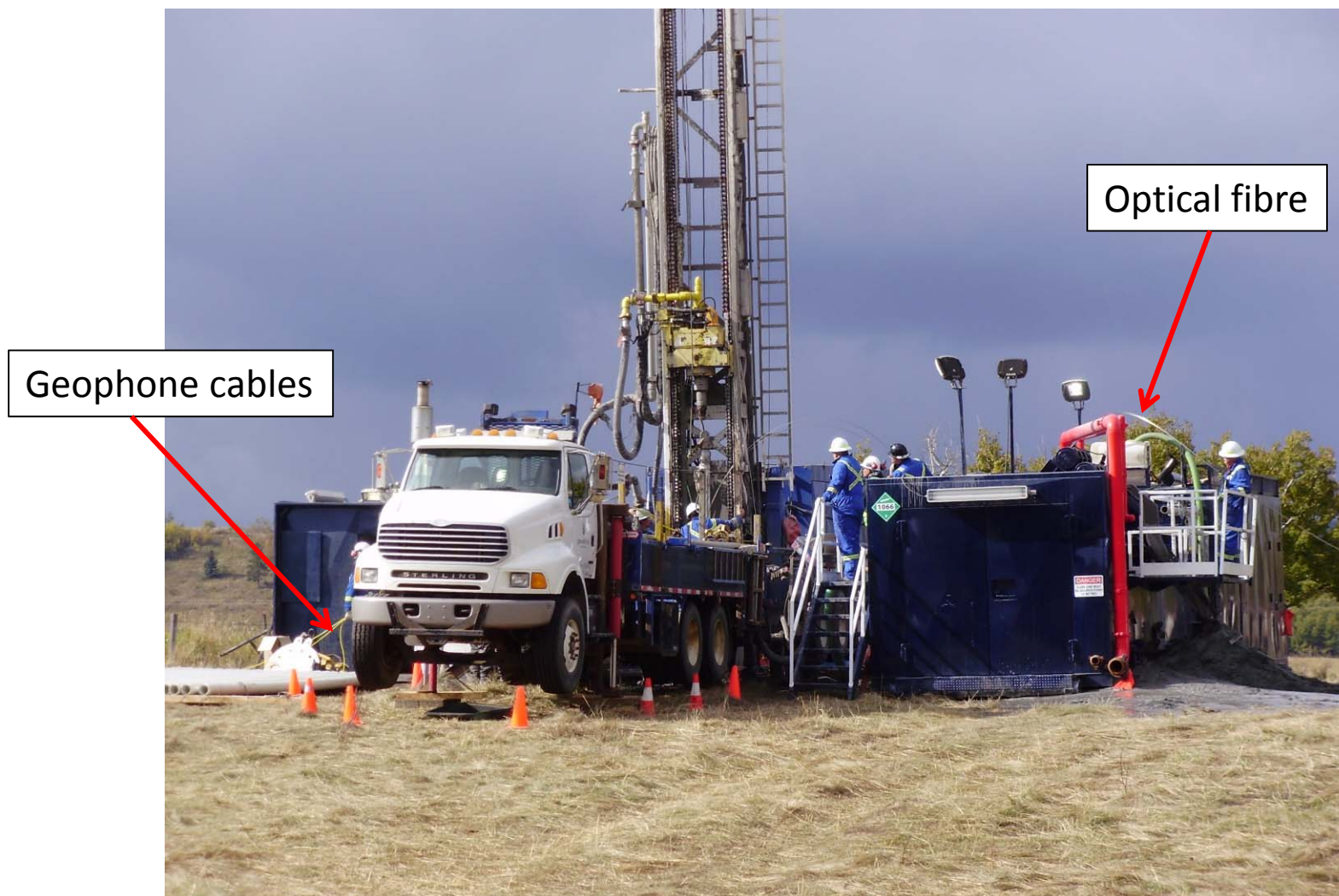
Well 1: Installation, geophone cables



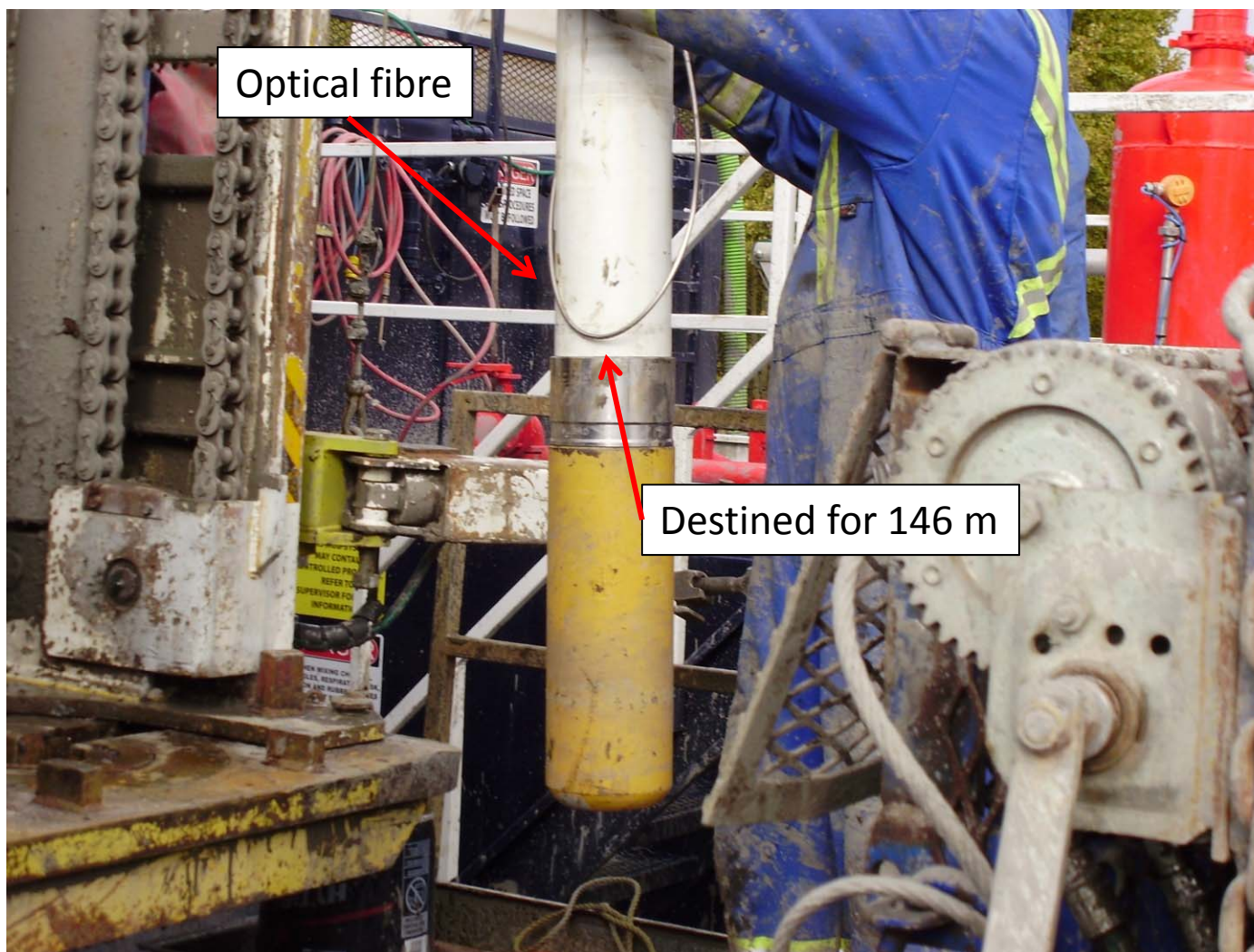
Well 1: Installation, bottom of well



Well 1: Installation



Well 1: Installation, Optical fibre



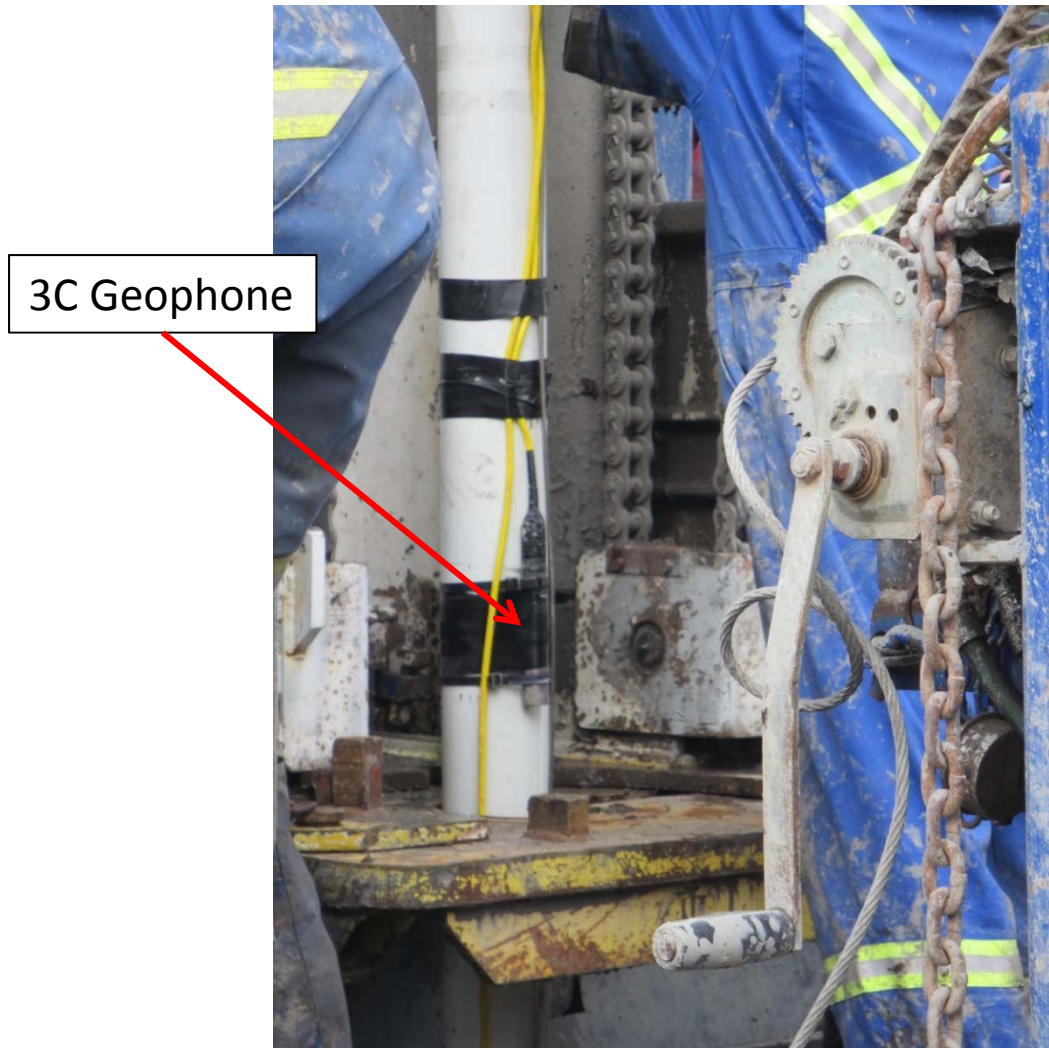
Well 1: Installation, geophone cables



Well 1: Installation, geophone cables



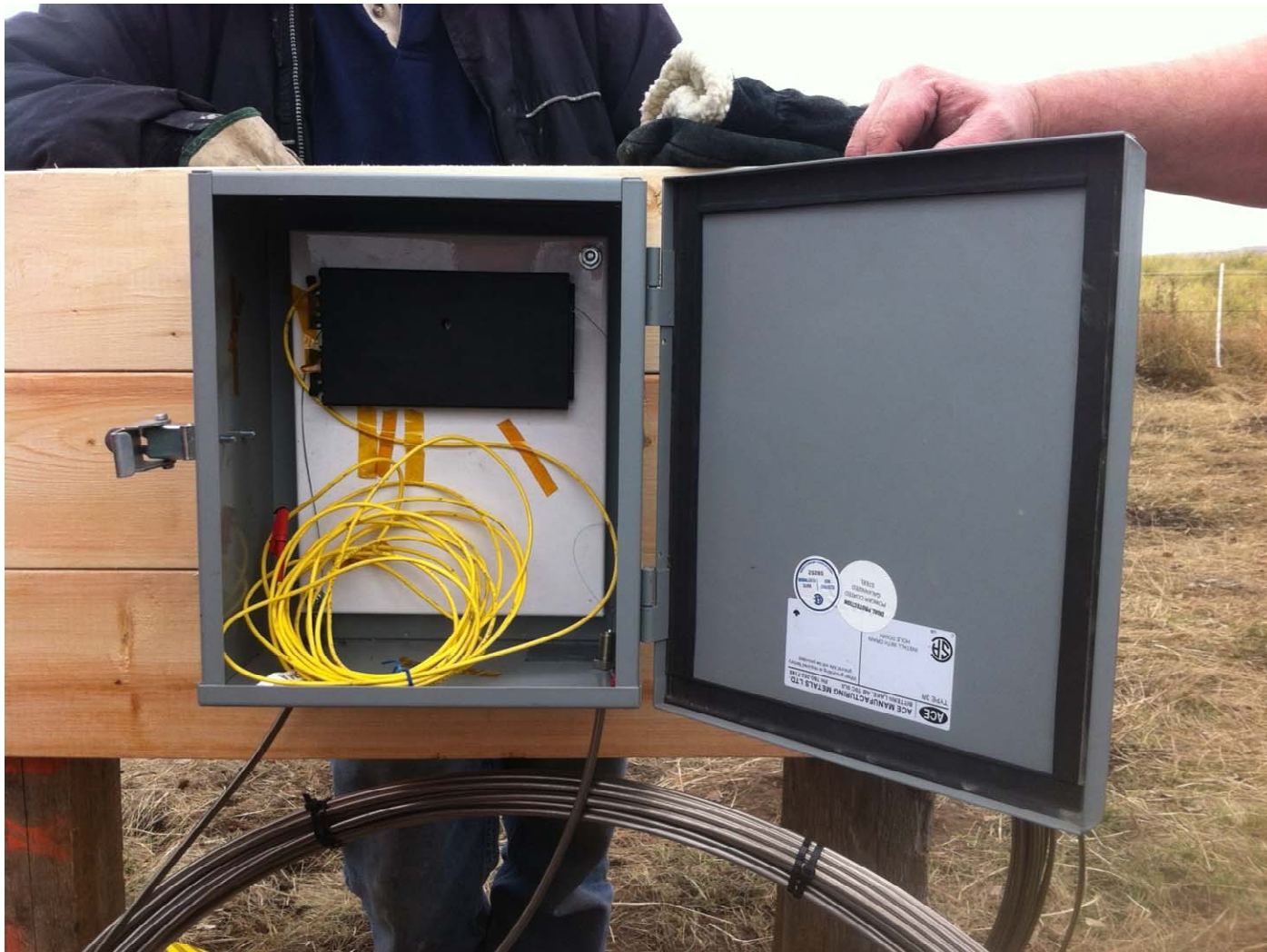
Well 1: Installation, geophone cables



Well 1: Post-installation, geophone cables



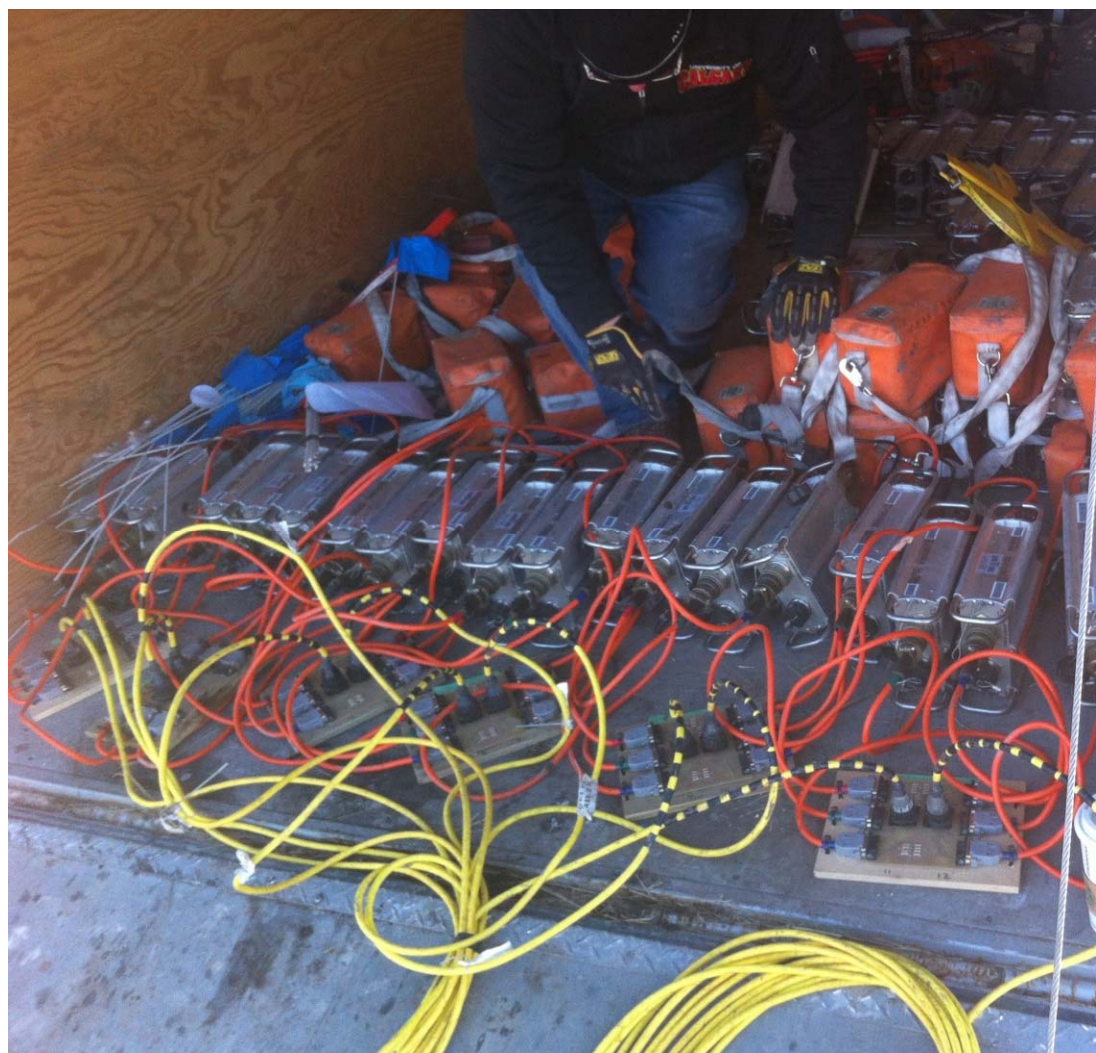
Well 1: Post-installation, optical fibre



Well 1: Post-installation, geophone cables



Well 1: Post-installation, geophone cables



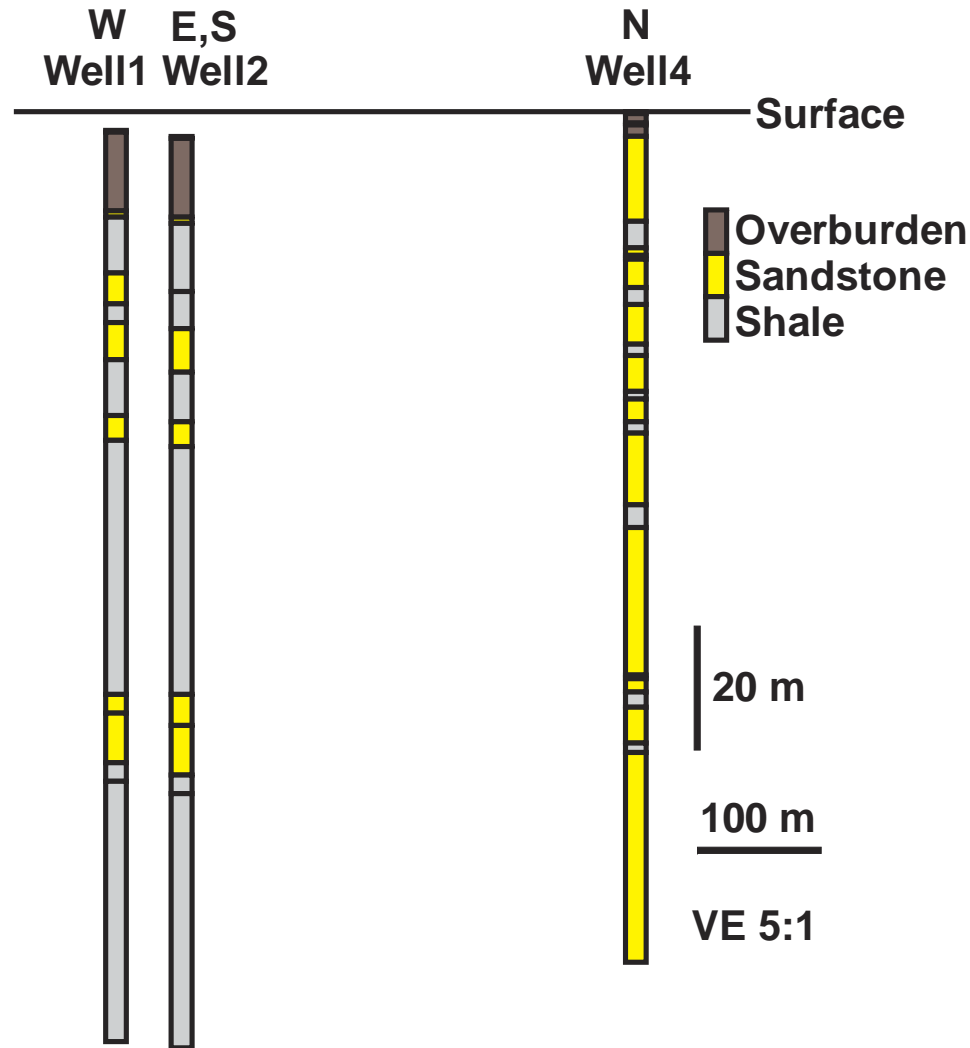
Well 1: Post-installation



Wells 2 and 4: Post-installation



Wells 1,2 and 4: Simplified geology



Acknowledgements

- Outsource Seismic (Gord Johnson and others)
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