

Pronounced: H naught slug

The Solid H(o) Slug™ is a traditional solid slug that is designed to yield a pre-estimated initial displacement during a slug test.

Calculated initial displacement is represented by "H(o)*" where H is the calculated distance of instantaneous change at time zero (o) in water level created by the the slug.

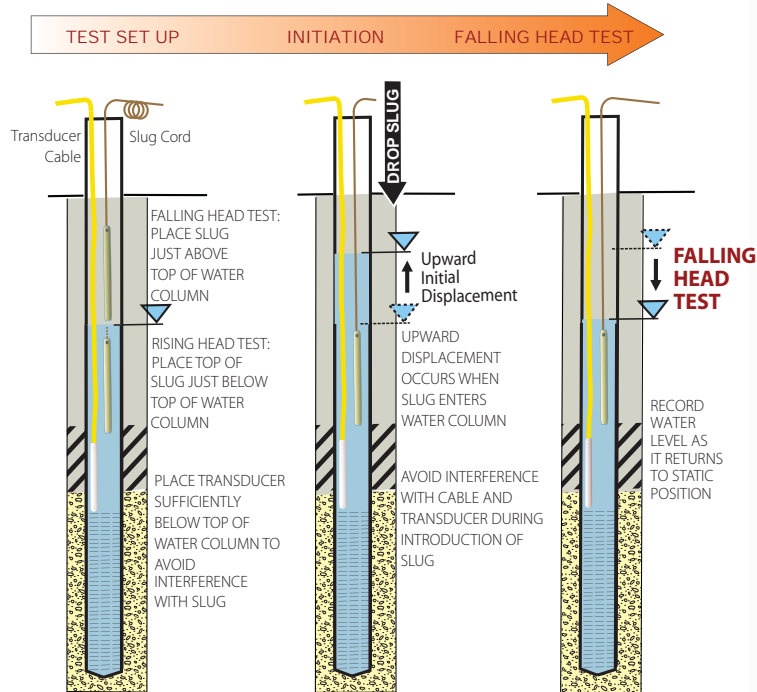
"H(o)" is the measured initial displacement. It is important to compare **calculated H(o)*** with **measured H(o)** as part of the QA/QC of the slug test for checking the reliability of test data.

It's a new item available only through Midwest GeoSciences Group. The H(o) Slug may be ordered in either teflon or PVC. It's available now for initial displacement lengths of 12", 18" and 24" for two-inch diameter Schedule 40 wells, and considers the transducer cable and rope. Three different initial displacements are recommended in Jim Butler's book: *The Design, Performance and Analysis of Slug Tests*.

The Solid H(o) Slug™ is specifically designed with tapered ends exceeding an 80 degree angle to reduce the pressure wave that can occur with other solid slugs leading to noisy data and reducing the reliability of test data.



Anatomy of a Fall Head Slug Test



- Item: H(o) Slug
- PVC (all 3): \$149
- PVC (1 or 2): \$89 ea
- Teflon (all 3): \$289
- Teflon (1 or 2): \$119 ea

PLUS!

FIELD GUIDE FOR SLUG TESTING AND DATA ANALYSIS



4-sided guide with simple steps for reliable slug tests!

- Improve the performance of your slug tests
- Design tests tailored to your site conditions
- Field screen your data for improved quality
- Simplify data transfers to your laptop
- Analyze data using the appropriate solution



- Reduce noise from fast tests
- Capture sufficient data for short-duration tests
- Manage initial displacement for high-K formation
- Use your own pressure transducer
- Optimize and minimize initial head displacement
- Apply to common well sizes



Order on-line at: www.midwestgeo.com