


Exhibit B

6:22-cv-1316

NCS’s U.S. Patent No. 10,465,445 (“the ‘445 Patent”) and the AirGlide™ Flotation Sub (“AirGlide”)

CLAIMS OF THE ‘445 PATENT	AIRGLIDE™ FLOTATION SUB ¹
<p>28.0 A float tool configured for use in positioning a casing string in a wellbore containing a well fluid, the casing string having an internal diameter that defines a fluid passageway between an upper portion of the casing string and a lower portion of the casing string, the float tool comprising:</p>	<p>The Court has found this preamble is not limiting. If it is found to be limiting, the preamble is met by the AirGlide as follows:</p> <p>Entech’s U.S. customer, Halliburton, markets the following AirGlide flotation sub as a casing string placed in a wellbore with fluid:</p> 

¹ All references to the AirGlide™ Flotation Sub are found at: [https://cdn.brandfolder.io/BQOGXPBX/at/7b244wpsn77xtzktj85k7m/2022-MKTG-CMT-13672_AirGlide_Sale/Annotations have been added to the images.](https://cdn.brandfolder.io/BQOGXPBX/at/7b244wpsn77xtzktj85k7m/2022-MKTG-CMT-13672_AirGlide_Sale/Annotations%20have%20been%20added%20to%20the%20images.pdf)

AirGlide™ Floatation Sub

OVERCOME EXCESSIVE DRAG FORCES TO RUN CASING TO DEPTH

FEATURES

- » Innovative glass disk disintegrates into fine, sand-like particles upon activation
- » Custom activation pressures can be tailored to wellbore depth and pressures

BENEFITS

- » Eliminates the need for a debris barrier
- » Zero risk of plugoff or damage to equipment
- » No debris left after activation for fullbore access
- » Capable of handling differential pressures up to 12,500 psi

OVERVIEW

Running casing to depth in highly deviated or horizontal, extended reach wellbores continues to pose a challenge to operators looking to maximize wellbore production. The excessive drag force between the casing and the formation in these wells is difficult to overcome. For larger casing, the drag forces often exceed the available hook weight of the casing and for smaller casing they exceed the buckling capacity. In both cases, the result is an inability to run casing to the desired setting depth.

To extend the reach in long lateral wells and reduce the casing/formation drag, operators utilize a floatation sub to float the casing through the horizontal section. Traditional floatation

subs require a debris barrier to catch the ceramic shards left after the tool ruptures and prevent plugoff or damage to float equipment that can lead to nonproductive time (NPT).

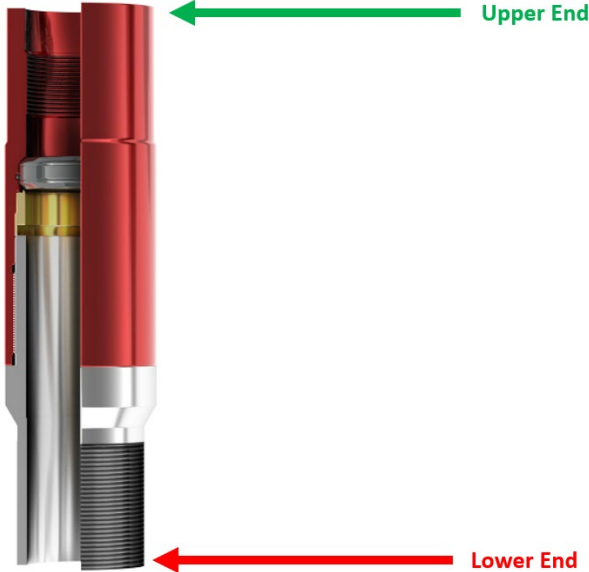
The AirGlide™ floatation sub significantly lowers drag and frictional forces to allow casing to get to bottom faster. Because the AirGlide floatation sub utilizes an innovative glass disk rather than ceramic parts, there is zero risk of plugoff or damage to float equipment and the need for a debris catcher is eliminated.

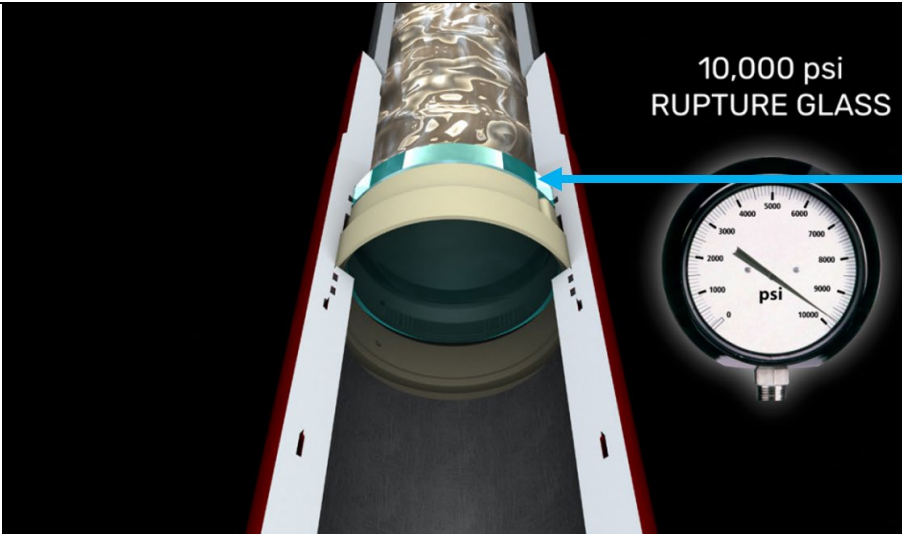
IMPROVE CASING RUNNING CAPABILITIES

The AirGlide floatation sub operates when placed in the heel of the wellbore. An innovative glass disk acts as a barrier to fluids in the well to trap an atmospheric chamber in the horizontal section of the casing from the shoe track to the casing floatation sub. This trapped air creates a buoyant chamber that can significantly reduce the casing weight and allows the casing string to lift away from the wellbore, thus reducing drag between the casing and the formation to provide improved casing running capabilities.

FULLBORE ACCESS WITH ZERO DEBRIS

Once targeted depth is reached, applied pressure activates the AirGlide floatation sub. The glass disk handles differential pressures up to 12,500 psi to withstand shocks during handling and

		<p>The casing string has an internal diameter for passing fluid between an the casing string and a lower portion of the casing string.</p>
<p>28.1</p>	<p>a rupture disc assembly comprising (i) a tubular member having an upper end and a lower end, the upper and lower ends configured for connection in-line with the casing string and</p>	<p>See element 28.0. The AirGlide (i.e. a “rupture disc assembly”) is a tubular member that has an upper end (below green arrow) and a lower end (below red arrow). The upper and lower ends of the AirGlide can be connected in-line with the casing string.</p> 
<p>28.2</p>	<p>(ii) a rupture disc having a rupture burst pressure and in sealing engagement with a region of the tubular member within the upper and lower ends</p>	<p>As shown below, the AirGlide (i.e. “rupture disc assembly”) includes a rupture disc (i.e., a “rupture disc,” below blue arrow).</p>

		 <p>The glass barrier has a rupture burst pressure. The glass barrier, based on material, is designed to have a certain rupture burst pressure, which is the hydraulic pressure acting across the surface of the disc that would rupture. Indeed, any material and geometry used to make the glass barrier must be designed to withstand the burst pressure by basic physics.</p>
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