The EQUALIZER LIFT™ autonomous inflow control device (AICD) features a unique floating disc that autonomously chokes back unwanted gas and water pre-breakthrough, and shuts off flow post-breakthrough, to improve well productivity while also reducing the costs and risks associated with gas handling at surface.

Long horizontal wellbores—which are especially susceptible to gas/water coning in thin oil rim and heavy oil applications—can quickly become unproductive and increasingly costly as gas/water flow displaces oil flow. And produced gas must be re-injected into the well or flared at surface, driving up OPEX and HSE exposure. But unlike many inflow control devices that have a fixed restriction and give no preference to oil over gas or water, the EQUALIZER LIFT AICD responds to changing flow rates and fluid properties. When low-viscosity fluids pass through the device at high rates, a low pressure zone is generated above the AICD’s floating disc. This creates a suction effect that shifts the disc upward, restricting flow through the device. The suction effect and resulting restriction are magnified when gas passes through the device. This significantly reduces the costs and risks of handling gas at surface while also balancing the production profile across the lateral for improved oil recovery.

The EQUALIZER LIFT AICD is also compact and flexible, enabling up to four devices to be installed per joint of pipe. The desired applications include:

**Applications**
- Conventional and unconventional oil and gas wells
- Long, horizontal wells
- Heavy oil reservoirs
- Reservoirs with thin oil rims

**Features and benefits**
- Floating inflow control disc
  - Restricts gas and low-viscosity fluids
  - Allows higher viscosity fluids to pass through to the production string
  - Shuts off flow when gas or water breaks through
- Autonomous operation
  - Requires no interaction from surface
- Compact, flexible design
  - Allows installation of up to four devices per joint of pipe
  - Offers full compatibility with a broad range of sand screens
- Robust construction
  - Resists erosion
  - Provides reliable flow control for the life of the well

The EQUALIZER LIFT AICD gives preference to heavier fluids to effectively choke back and eventually shut off gas and water production—with no interaction from surface.

bhge.com
pressure drop can be controlled by adjusting the number of devices. In unconsolidated formations, the AICD can be easily combined with application-specific sand control screens to protect against unwanted fines production and to prolong well life.

Contact your local Baker Hughes, a GE company (BHGE) representative to learn how the EQUALIZER LIFT AICD can improve production and reduce gas handling costs and risks on your next job.

When the EQUALIZER LIFT AICD detects the flow of gas (yellow), its floating disc shifts up and either chokes or shuts off flow to prevent breakthrough while oil (green) continues to flow.

**Specifications**

<table>
<thead>
<tr>
<th>Available sizes</th>
<th>4½ in.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5½ in.</td>
</tr>
<tr>
<td></td>
<td>6½ in.</td>
</tr>
<tr>
<td>Body metallurgy</td>
<td>Customer specified</td>
</tr>
<tr>
<td>Compatible sand control screens</td>
<td>BakerWrapXP™ direct-wrapped screen</td>
</tr>
<tr>
<td></td>
<td>EXCLUDERXP™ premium mesh screen</td>
</tr>
<tr>
<td>Optional accessories</td>
<td>Multitasking valve (MTV)</td>
</tr>
<tr>
<td></td>
<td>Isolating sliding sleeve</td>
</tr>
<tr>
<td></td>
<td>Injection bypass</td>
</tr>
</tbody>
</table>

Contact your local BHGE representative about additional sizes.

bhge.com

© 2017 Baker Hughes, a GE company, LLC – All rights reserved.

Baker Hughes, a GE company, LLC and its affiliates (“BHGE”) provides this information on an “as is” basis for general information purposes and believes it to be accurate as of the date of publication. BHGE does not make any representation as to the accuracy or completeness of the information and makes no warranties of any kind, specific, implied or oral, to the fullest extent permissible by law, including those of merchantability and fitness for a particular purpose or use. BHGE hereby disclaims any and all liability for any direct, indirect, consequential or special damages, claims for lost profits, or third party claims arising from the use of the information, whether a claim is asserted in contract, tort, or otherwise. The BHGE logo is a trademark of Baker Hughes, a GE company, LLC. GE and the GE monogram are trademarks of General Electric Company used under trademark license. EQUALIZER LIFT, BakerWrapXP, EXCLUDERXP, and MTV are trademarks of Baker Hughes, a GE company, LLC.