The Surge Tanks are being used for well test operations as a secondary or additional stage (two, three, four phase) for separation and metering. When longer retention times are required for effective separation, a surge tank is a very good alternative. Surge tanks also can replace the gauge tanks when H2S is present.

### Description

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### Features

- Two, three, or four phase, Separators ANSI 150
- Water and oil lines designed with bypass lines, and measurement and control devices.
- An automatic control valve (ACV) on the gas outlet to maintain a constant pressure in the vessel.
- Relief valve and rupture disc
- High and low level alarms / pilots
- High and low pressure alarms / pilots
- Certified skid and crash frame for offshore operations
- Mounted on trailers for onshore operations
- Sight glasses with a graduated scale to record changes in liquid levels.

### Applications

- Well Testing
- Well Clean-ups
- Frack Flowback

### Operating Specification

<table>
<thead>
<tr>
<th>OD</th>
<th>84 in.</th>
<th>84 in.</th>
<th>84 in.</th>
<th>84 in.</th>
<th>96 in.</th>
<th>96 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH S/S</td>
<td>10 ft.</td>
<td>10 ft.</td>
<td>12 ft.</td>
<td>12 ft.</td>
<td>10 ft.</td>
<td>10 ft.</td>
</tr>
<tr>
<td>WORKING PRESSURE</td>
<td>125 psi</td>
<td>250 psi</td>
<td>150 psi</td>
<td>250 psi</td>
<td>125 psi</td>
<td>250 psi</td>
</tr>
<tr>
<td>GAS CAPACITY</td>
<td>12 mm/scf/d</td>
<td>20 mm/scf/d</td>
<td>14 mm/scf/d</td>
<td>20 mm/scf/d</td>
<td>12 mm/scf/d</td>
<td>20 mm/scf/d</td>
</tr>
<tr>
<td>LIQUID CAPACITY</td>
<td>87 bbl.</td>
<td>87 bbl.</td>
<td>100 bbl.</td>
<td>100 bbl.</td>
<td>114 bbl.</td>
<td>114 bbl.</td>
</tr>
</tbody>
</table>

### Inlet

- 4 in. RF Flange, ANSI 150

### Gas Outlet

- 3 in. RF Flange, ANSI 150

### Water Outlet

- 3 in. RF Flange, ANSI 150

### Solids Outlet

- 3 in. RF Flange, ANSI 150

### Oil Outlet

- 4 in. RF Flange, ANSI 150

### Relief Outlet

- 4 in. RF Flange, ANSI 150

### Water Flow Meter

- 1, 2, 3 in.

### Oil Flow Meter

- 1, 2, 3 in.

### Gas Orifice Meter

- 4 in.

### Skid Dimensions

- W x L x H: 9 ft. x 22 ft. x 10 ft.

### Weight

- 20,000 lbs., 21,000 lbs., 20,000 lbs., 21,000 lbs., 22,000 lbs., 28,000 lbs.