Wellhead Sampling Manifold

Samples high-pressure fluids during well test operations

APPLICATIONS
- High-pressure fluid sampling at the wellhead during well testing operations

BENEFITS
- Rapid turnaround of wellhead sampling
- Reduced exposure time of personnel at high-pressure wellhead
- Reduced risk of hydrocarbon release during sampling

FEATURES
- Six 15,000-psi [103-MPa] high-pressure sample cylinders
- Common high-pressure sampling manifold
- Single wellhead sampling port for all samples

The wellhead sampling manifold (WSM) is a mobile sampling system designed for safe, efficient high-pressure fluid sampling at the wellhead during well testing operations. The WSM holds six 15,000-psi [103-MPa] conventional sample bottle or single-phase sample bottle units that are plumbed into a common high-pressure sampling manifold. The manifold has individual block and bleed valves for each sample cylinder and a common drain-and-purge tank. The sampling line is rigged to a single sample port at the wellhead and allows taking up to six high-pressure fluid samples in quick succession without making or breaking high-pressure connections.

Wellhead sampling manifold.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pressure rating, psi [MPa]</td>
<td>15,000 [103]</td>
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<tr>
<td>Temperature rating, degF [degC]</td>
<td>302 [150]</td>
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<tr>
<td>Service</td>
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