THRU TUBING CASE STUDY
SURFACE-TO-SURFACE SUCCESS

Although drill times are crucial to the overall success of completions operations, it is the surface-to-surface data which we continually strive to improve. Surface-to-surface data is one of the best ways to evaluate teamwork efficiency between a customer’s chosen vendors.

These case studies show how DistributionNOW Thru Tubing continues to build upon its success in collaboration with our customers’ teams - working together to get wells passed on to production as efficiently and quickly as possible.

CASE STUDY DATA

**AVG. 8,672 ft LATERAL LENGTH**  
A TEN (10) WELL STUDY  
**COIL OPERATION**
- Avg. Number of Plugs - 23.7
- Avg. Drill Time - 6.587 minutes

Average Surface-to-Surface Time  
25 HOURS

**AVG. 10,266 ft LATERAL LENGTH**  
A SIX (6) WELL STUDY  
**RIG OPERATION**
- Avg. Number of Plugs - 61.5
- Avg. Drill Time - 5.57 minutes

Average Surface-to-Surface Time  
54.7 HOURS

**AVG. 6,377 ft LATERAL LENGTH**  
A SIX (6) WELL STUDY  
**RIG OPERATION**
- Avg. Number of Plugs - 38
- Avg. Drill Time - 6.0 minutes

Average Surface-to-Surface Time  
46 HOURS

TOP THREE PERFORMING WELLS

<table>
<thead>
<tr>
<th>LATERAL LENGTH (feet)</th>
<th>OPERATION TYPE</th>
<th>SURFACE-TO-SURFACE TIME (hours)</th>
<th>OPERATING TIME (hours)</th>
<th>DRILL TIME (minutes)</th>
<th>NUMBER OF PLUGS</th>
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<tr>
<td>9,790</td>
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<td>Rig</td>
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<td>7.2</td>
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CASE STUDY GROUP

**COIL OPERATION**

POWDER RIVER BASIN
- Coil Operations 2.88” up to 3.375” BHA in house
- Extended Reach Tool & Custom Mill
- Formations Sussex and Turner

**RIG OPERATION**

D-J BASIN
- Rig Operations 3.375” BHA
- Formations Codell and Niobrara

CONTACT US TODAY FOR MORE INFORMATION
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