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## Emilsen: Key Findings

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- **The available evidence and OLGA simulation results strongly suggest that the initial flow path was through a leaking casing shoe and up through the inside of the casing.**
  - Physical evidence recovered after August 2010 and testimony provided since that date confirms simulation results.
  
- **OLGA simulations and real time data suggest that the well became underbalanced at 20:52 hrs resulting in flow of hydrocarbons into the wellbore.**
  - Simulations showed a total gain of around 40 bbls taken between 20:52 hrs and 21:08 hrs and a cumulative amount of around 2000 barrels was taken up to the loss of realtime data at 21:49 hrs.