

Nodal Analysis Summary  
 Pressure (BHP): 167.07 bar      Operating Point: Pump Head: 268.4 m      Flowrate (Q): 315.79 m<sup>3</sup>/hr      Bottomhole  
 230.0 bar      PI: 5.0 m<sup>3</sup>/hr/bar      ESP Depth: 500.0 m      Extracted Parameters: Full LLM Summary: Reservoir Pressure:  
 Based on the provided context and tables, here is a concise technical paragraph summary for the Nodal Analysis: The Andijk Geothermie 1/2 system exhibits varying performance metrics across different periods. A notable operating point emerges, characterized by a production rate of  $Q=315.79 \text{ m}^3/\text{hr}$ , bottom-hole pressure (BHP) of 167.07 bar, and head of 268.4 m. The static parameter values mentioned in the context include no specific values for Reservoir Pressure, Productivity Index (PI), or ESP Depth. However, it is crucial to consider these critical parameters for a comprehensive understanding of the system's performance. Please note that this summary focuses on the nodal analysis and does not delve into the geothermal aspects or Quick-Scan results, as those topics are outside the scope of the provided context.

## II. Operating Point

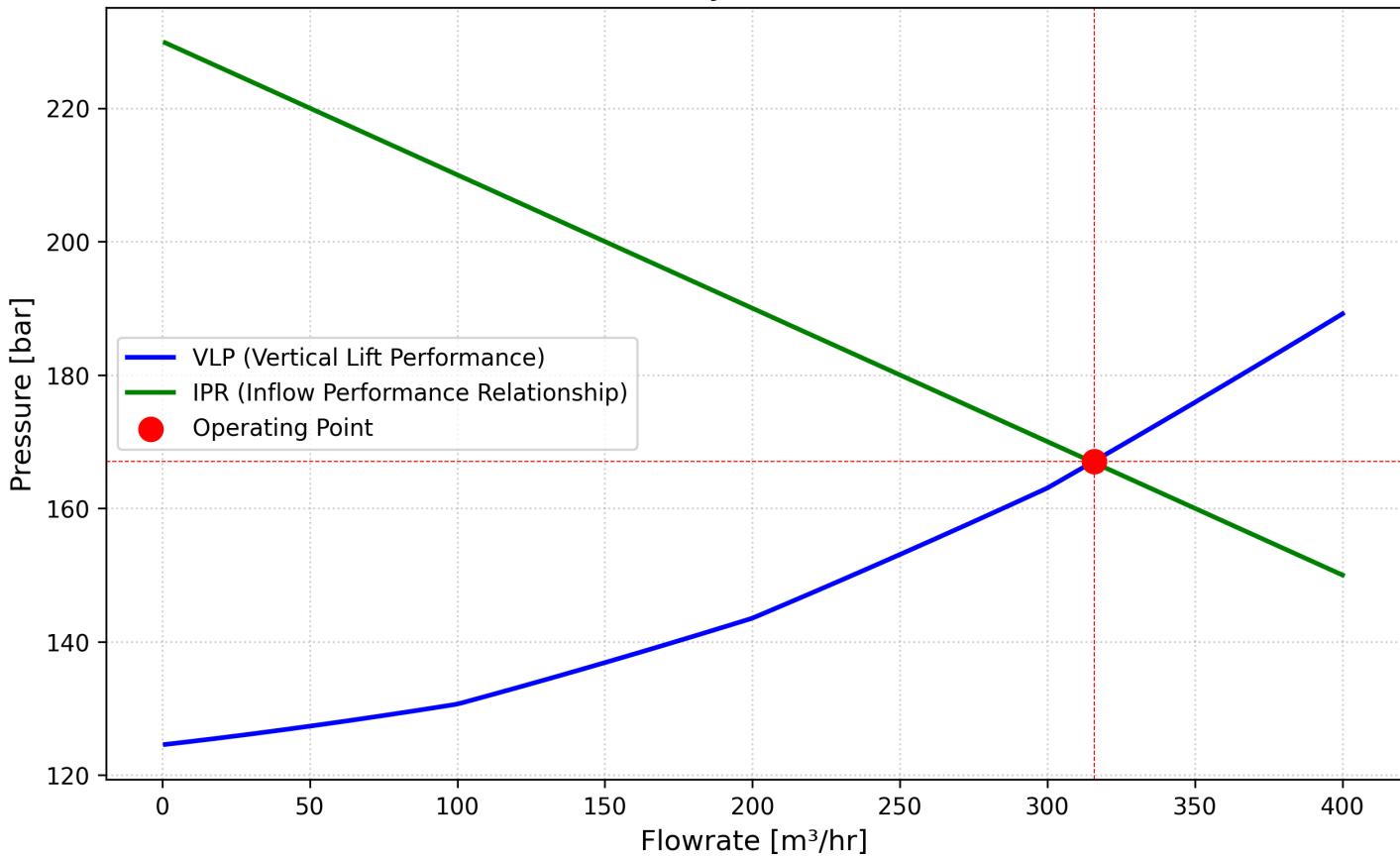
Parameter	Value
Flowrate (m <sup>3</sup> /hr)	315.79
Bottomhole Pressure (bar)	167.07
Pump Head (m)	268.4

## III. Extracted Parameters

Parameter	Value
Reservoir Pressure (bar)	230.0
Wellhead Pressure (bar)	10.0
Productivity Index (m <sup>3</sup> /hr/bar)	5.0
ESP Depth (m)	500.0
Fluid Density (kg/m <sup>3</sup> )	-
Viscosity (cP)	-
Tubing Roughness (mm)	1e-05

## IV. Nodal Analysis Plot

## Nodal Analysis (IPR vs VLP)



## V. Supporting Sources:

Source 1: pdfFiles/ANDIJK-GT-01\_2020\_2025.xlsx | Type: table | Page: N/A

### Table Preview (First 3 Rows):

Unnamed: 0 | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Kenmerken van productieput

Andijk Geothermie 1/ | ANDIJK-GT-01 | ECW Geo Andijk B.V | 2020-01 | 255155.41

Source 2: pdfFiles/ANDIJK-GT-01\_2020\_2025.xlsx | Type: table | Page: N/A

### Table Preview (First 3 Rows):

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Source 3: pdfFiles/ANDIJK-GT-01\_2020\_2025.xlsx | Type: table | Page: N/A

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**Table Preview (First 3 Rows):**

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Andijk Geothermie 1/ | ANDIJK-GT-01 | ECW Geo Andijk B.V | 2020-01 | 255155.41

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**Source 5: pdfFiles/ANDIJK-GT-01\_2020\_2025.xlsx | Type: table | Page: N/A****Table Preview (First 3 Rows):**

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Andijk Geothermie 1/ | ANDIJK-GT-01 | ECW Geo Andijk B.V | 2020-01 | 255155.41

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**Source 6: pdfFiles/ANDIJK-GT-01\_2020\_2025.xlsx | Type: table | Page: N/A****Table Preview (First 3 Rows):**

Unnamed: 0 | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Kenmerken van productieput

Andijk Geothermie 1/ | ANDIJK-GT-01 | ECW Geo Andijk B.V | 2020-01 | 255155.41

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