

ABSTRACT
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This report is restricted to Gaslifting in the Penal Field in Trintoc. The methods of analysis of this field performance is based on quantitative treatments of the wells using field data, well data, sonologs, well head charts and production logs where possible.

The methods of analysis are based on techniques recommended by Kermit E. Brown and T. E. W. Nind (See References).

Consequently, the derived values could be compared with the actual values to determine the efficiency of the gaslift installations.

Finally, suggestions are made to improve the system so as to make gaslifting play a more active role in Trintec's production.

... pumping contributed greatly to this increase. This discussion on "An Analysis of Field Performance" is based on the wells that were gaslifting in 1961. There were 77 wells in the field, 27 of which were gaslifting. The wells were P 100, P 104, P 107, and P 115. A qualitative analysis of the compressors bearing in mind that they were old, and that it was difficult to change them. However, it was felt that the use of gaslift was not use.

Secondly, where possible a quantitative treatment was given to gaslifting in order to determine:

- (a) The Flowing Life
- (b) The Initial Productivity Index
- (c) The annual Decline Rate and
- (d) The Continuous Decline Rate of the wells.

Based on the future productivity index and the gaslift data the gaslift rate of gaslift can be predicted using these data and the decline rate.