

Strategies to Optimize the Reserve and Resource Development before Drilling: Case Study in the Llanos Basin, Colombia

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ABSTRACT

The development plan of a petroleum field must assure all relevant points are addressed systematically and accomplished before contract rigs, civil works for adecuation in surface location and drilling operation. The main purpose of this presentation is to comment on all critical aspects required to verify and plan the strategies to optimize reserve and resource development along with a detailed geological and reservoir characterization before drilling. The decision drivers and variables could be incorporated as systematic project planning in order to have a complete vision and plan for both short and long term. In this presentation I propose a workflow and identify a critical path to reach the optimum reserves development.