عنوان مقاله:

A Laboratory and Software Study About Type Flow Regimes In pipeline from Oil&Gas Offshore Fields To Refinery and Petrochemical Units

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خلاصه مقاله:

Two phase gas/liquid flow in pipe is a common occurrence in the petroleum,chemical,nuclear and geothermal industry.In the petroleum industry,it is encountered in theproduction,transportation, and processing of hydrocarbon from oil and gas field. Twophaseflows are extremely complex and traditionally, attempts have been made of classify the myriad of possible flow configuration into flow regimes . Classically, vertical two-phase flow has been classified into the regimes of bubbly, slug flow, and annular flow and also horizontal two phase flow. This paper makes an appeal for two phase flow regimes in pipeline from platform to onshore unit. As shown, these regimes are of considerable technological importance and possess unusual features that justify their separate designation and make .them ripe for further study

کلمات کلیدی:

Flow Regime, Two Phase flow,offshore,Refinery,Petrochemical