

## CEST02\_069

### WORKOVER OPERATIONS AND PROBLEM DIAGNOSIS IN A SICK WELL

ABDULRAUOF ABDULSALAM MILAD JIBREL

dibruharh university india

[Aabadi817@gmail.com](mailto:Aabadi817@gmail.com)

#### ABSTRACT

During the producing life of a well, various problems might arise that hampers production. Under such conditions, the well is considered sick and it must be worked over. Proper selection of workover technique is important if we want successful work over at optimum cost. Hence problem diagnosis is the most important step prior to workover. After initial completion done on the well, any operation done within the well to improve or restore its optimum production rate is referred to as Work Over. New wells drilled in an area are not always successful. There are always instances where they hardly produce as expected. Under such situation, proper work over planning or abandonment are the only two steps that can be adopted. This paper highlights a case study on a new well of which had been drilled to exploit bypassed oil from Tipam Sands but has not been producing any oil as expected. Despite, three work over operations performed in the well, the well is still producing only water. This paper will mostly focus on the work over procedures done to put the well in production and minimize water production from the well as far as possible so as to produce oil from the well in an economic way.

**Keywords:** WORKOVER OPERATIONS- PROBLEM DIAGNOSIS- SICK WELL.