

## **Plunger Lift Observations Liquid Loading in the Horizontal Well**

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### **OBJECTIVES/SCOPE:**

Describe field observations on fluid movement in a Hz. Well

Review some rule of thumbs for well completion that have been successful

Understand early implementation of artificial lift has long term advantages

### **METHODS PROCEDURES, PROCESS:**

Through power point animation explain what has been seen and how the application of these rules of thumb can advance the wells production and reduce the decline rate in many wells.

Show a couple of examples of wells where early adoption of artificial lift changed the decline curves

### **RESULTS, OBSERVATIONS, CONCLUSIONS:**

By understanding the fluid movement in the Hz well bore it can help explain several the liquid loading and difficulties seen in many completion scenarios and help explain why the key liquid loading trouble area is not the tubing but below the tubing.