

1. **Well Name:** Clad#1
2. **Field/Block Name:** Angleton
3. **State & Country:** Texas, USA
4. **Onshore or Offshore:** Onshore
5. **Hole Sizes, Intervals where Liquid Casing-Coarse used:** 8 ½ ";
6. **Rates of Losses before spotting the Liquid Casing Pill:** 250-300bbl/hr
7. **Operator Name:** Peak Lowa colony LLC
8. **Mud Company name:** Baker Hughes
9. **In which Mud System Liquid Casing-Coarse is used:** Water Based Mud system
10. **Date of the using the LCM Pill:** 3rd July-2013
11. **Dosage of Liquid casing-Coarse used in the pill:** 25 ppb & 100 bbl pill
12. **Mud Density:** 16.1ppg

Brief Description of the Job Performed:

As this field is virgin field and mud wt. are high (with 16.1 ppg), while drilling through reservoir (Limestone), some severe losses occur to the tune of 200-250 bbl/hr. Shut the well and built new volume of mud to meet the requirement. Prepared a 100 bbl pill made with Active mud with 25 ppb Liquid Casing-II and pumped ahead and spotted across thief zone. Close Annular BOP (HYDRIL) and applied 200 psi pressure gradually to squeeze the pill into formation. In less than 20 min, the pressure gradually started increasing and regained full circulation. Then, treated the active mud with 4 ppb of Liquid Casing-II and circulated and drilled ahead to TD without any problem. The operator attributed the success to newly developed Liquid Casing-II and he is very happy as it worked very well with higher mud wt. too.