

1. **Well Name:** Kept confidential as per operator's request
2. **Field/Block Name:** Kept confidential as per operator's request
3. **State & Country:** Texas, USA
4. **Onshore or Offshore:** Onshore
5. **Hole Sizes, Intervals where Liquid Casing-Coarse used:** 17 ½" and 12 ¼" sections
6. **Rates of Losses before spotting the Liquid Casing Pill:** Severe to total losses
7. **Operator Name:** El Paso Energy-South Texas
8. **Mud Company name:** Baroid/Halliburton
9. **In which Mud System Liquid Casing-Coarse is used:** Water based bentonite & polymer mud systems
10. **Date of the using the LCM Pill:** Year 2009
11. **Dosage of Liquid casing-Coarse used in the pill:** 40-50 ppb (40ppb in bentonite mud & 50 ppb in Polymer mud)
12. **Mud Density:** 9.0 ppg to 12.0 ppg

#### **Brief Description of the Job Performed:**

Severe losses while drilling through 17 ½" and 12 ¼" sections. Baroid pumped so much LCM material with no success. All stock of LCM of Baroid depleted. At this stage, some officials of the operator suggested to try Liquid Casing products. Liquid casing-Coarse & Fine material were used to control losses as well as to prevent further losses while drilling. The well was under SHUTIN condition and the pill has to be pumped in through Kill line for a while. To surprise many, the well returned to normal circulation.