

1. **Well Name:** Name withheld at the request of client
2. **Field/Block Name:** Abudhabi- offshore
3. **State & Country:** Abudhabi, UAE
4. **Onshore or Offshore:** Offshore
5. **Hole Sizes, Intervals where Liquid Casing-Coarse used:** 6" hole and inside 7" liner to cure losses & to seal the perforations
6. **Rates of Losses before spotting the Liquid Casing Pill:** Total losses. Well went under vacuum.
7. **Operator Name:** BUNDUQ OIL (A Japanese company JV with ADNOC)
8. **Mud Company name:** Al-Mansoori
9. **In which Mud System Liquid Casing-Coarse is used:** XC-Polymer based Hi-Vis pills
10. **Date of the using the LCM Pill:** Nov-2002
11. **Dosage of Liquid casing-Coarse used in the pill:** 40 ppb in Hi-Vis polymer pill.
12. **Mud Density:** 8.8 ppg

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

The Operator experience severe to total losses through perforations during work over operations for pulling out production tubing to make reentry. The well actually went to vacuum and continuous pumping of sea water into the well from sea chest will make severe damage to the producing reservoir in which they are planning to make reentry to improve production. The operator tried our Liquid Casing-coarse product with 40 ppb in hi-vis pill and squeezed into the perforations and in most of the cases the first pill of 80-100 bbl worked with full returns. On few occasions, second pill (80 bbl) also pumped and achieved full returns to proceed further for work over operations. The letter of appreciation is attached here with.