

1. **Well Name:** Haurd Griffith#6
2. **Field/Block Name:** Carthage
3. **State & Country:** Texas, USA
4. **Onshore or Offshore:** Onshore
5. **Hole Sizes, Intervals where Liquid Casing-Coarse used:** 12 ¼" hole, 6200 ft.
6. **Rates of Losses before spotting the Liquid Casing Pill:** 270bbl/hr
7. **Operator Name:** Devon Energy
8. **Mud Company name:** New Park Drilling Fluids
9. **In which Mud System Liquid Casing-Coarse is used:** Water based Polymer mud
10. **Date of the using the LCM Pill:** 5th March 2011
11. **Dosage of Liquid casing-Coarse used in the pill:** 50 ppb Liquid Casing-coarse in 100 bbl Pill
12. **Mud Density:** 10.71 ppg

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

Down hole losses encountered @270 bph while drilling at a depth of 6200 ft. Pulled the drill string to 6000 ft to come above loss zone. Mixed 50 ppb of Liquid Casing-coarse in active mud of 100 bbl pill. Pumped and spotted as balanced plug. Waited for ½ hr to allow the pill to work. Gently squeezed through annulus by closing the Annular BOP. Nearly 80-90% returns were noticed at 6000 ft depth. Resumed drilling and later treated the whole active system with 3-4 ppb of Liquid Casing-Fine to prevent further losses. No further losses were observed drilled the section to TD.