

1. **Well Name:** Ehrlich 53-X-treme#4
2. **Field/Block Name:** Meeteetse
3. **State & Country:** Wyoming State, USA
4. **Onshore or Offshore:** Onshore
5. **Hole Sizes, Intervals where Liquid Casing-Coarse used:** 12 ¼" hole, depth 4200 ft.
6. **Rates of Losses before spotting the Liquid Casing Pill:** 120-150 bbl/hr
7. **Operator Name:** Marathon Oil
8. **Mud Company name:** MI Drilling Fluids
9. **In which Mud System Liquid Casing-Coarse is used:** SOBM, Escaid 110 base oil of Exxonmobil
10. **Date of the using the LCM Pill:** 12th Dec-2010
11. **Dosage of Liquid casing-Coarse used in the pill:** 50 lb/bbl of Liquid Casing-coarse in 100 bbl Pill.
12. **Mud Density:** 11.2 ppg

Brief Description of the Job Performed:

Losses occurred whilst drilling. Mixed & Pumped Liquid Casing-coarse in synthetic oil mud (Escaid 110 base oil). Spot as balanced plug across the loss zone. Waited for 15 min to allow the pill to soak and work. Gently squeezed through annulus for 20 min. Attained total returns and went back to drilling. Later, during drilling, treated active mud with 3-4 ppb of Liquid Casing-Fine to reinforce the formations and to prevent further losses. Successfully drilled to TD of the section without further losses.