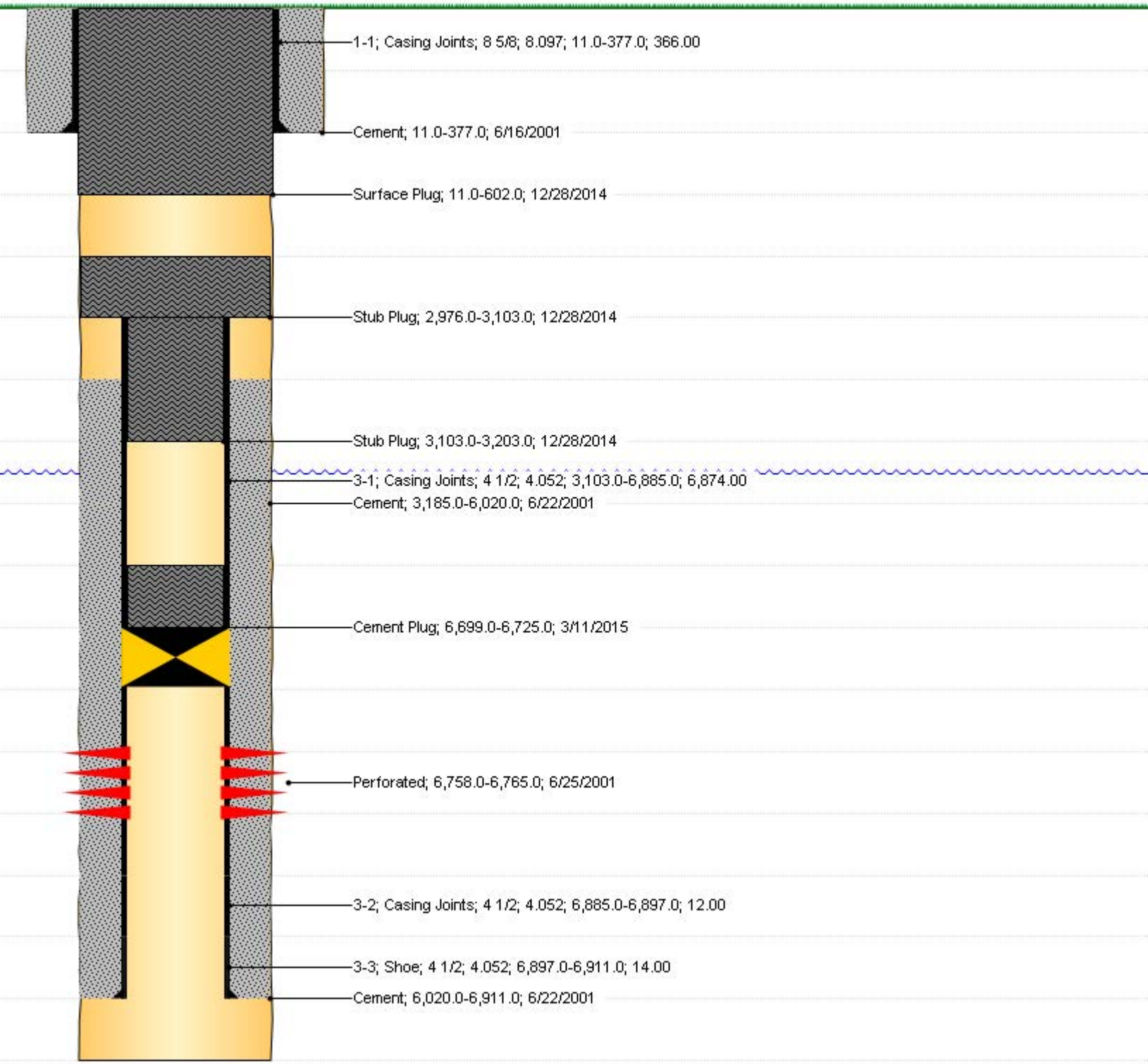Vertical schematic (actual)