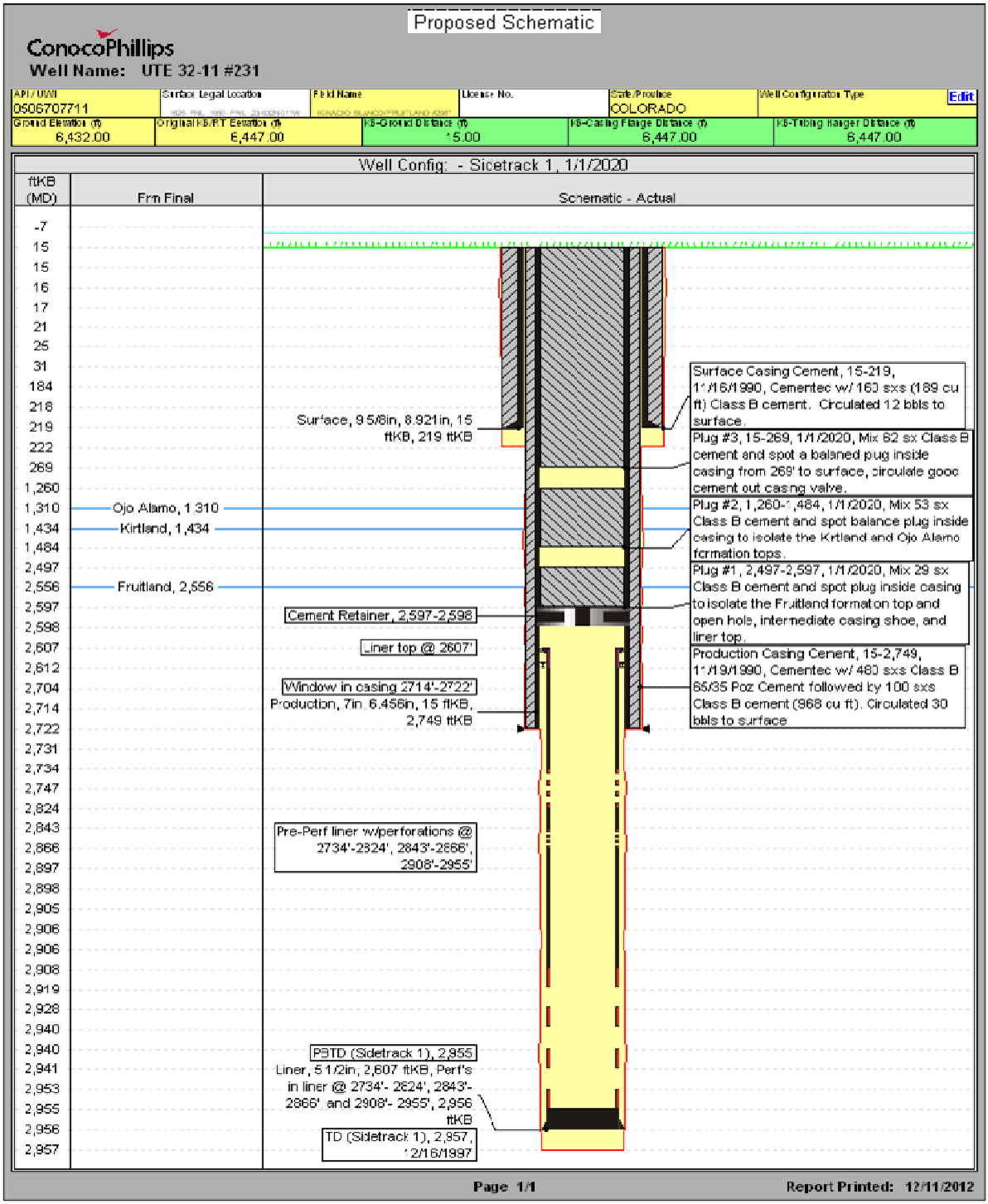Proposed Schematic