Early Guadalupian (San Andres) Carbonate Clinoform Core: Hutchington Stock Association #1548 Ward County, Texas

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The Hutchington Stock Association (H.S.A.) #1548 is located in Ward County, Texas along the western facing margin of the Central Basin Platform. The core contains 274 feet of the lower San Andres and consists of outer ramp, lagoonal middle ramp and intertidal depositional facies. Depositional facies comprising the lower two-thirds of the core are open marine, middle to outer ramp burrowed peloid-fusulinid dolowackestones and dolopackstones, and inner to middle ramp burrowed peloidal dolopackstones and dolograinstones with varying pelmatozoan skeletal material. The upper third of the core becomes increasingly peritidal with restricted lagoonal dolomudstones, peloidal dolowackestones and dolopackstones, and tidal flats. Karst brecciation is evident throughout much of the core indicating significant subarial exposure, which is believed to be evidence that this interval is below the Brushy Canyon Bypass Surface, placing it within the G1-4 highstand systems tracts of the lower San Andres composite sequence.