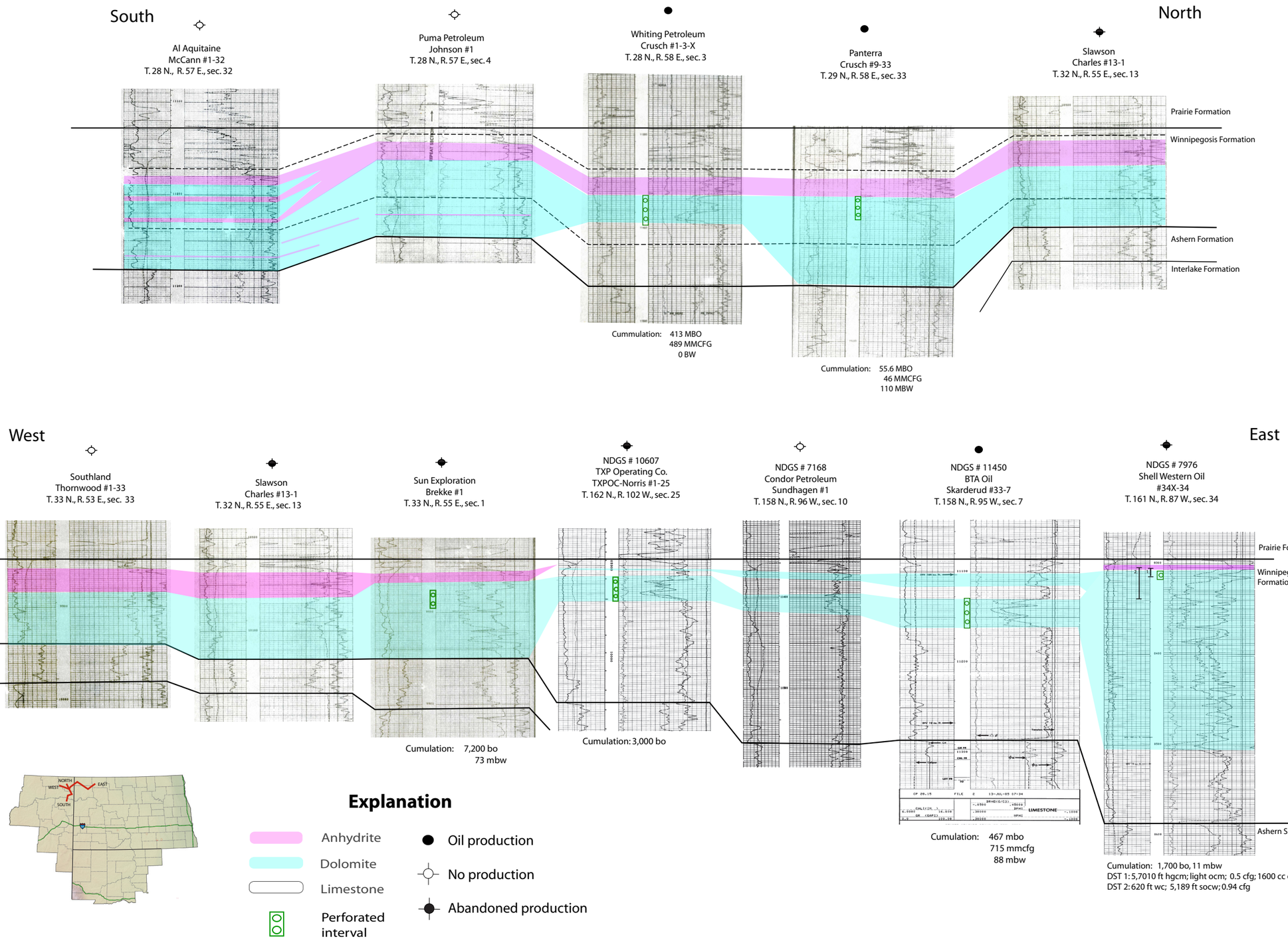

Figure 21. Wireline-log cross section of Winnipegosis Formation in the northwestern part of the Williston Basin showing relation between oil production and dolomite distribution. All wireline logs have gamma ray in the left track and compensated neutron density in the right track. Prairie Formation consists mostly of salt and anhydrite. NDGS, North Dakota Geological Survey; bo, barrels of oil;, mbo, thousand barrels of oil, MBW, thousand barrels of water; mmcfg, million cubic feet of gas; DST, drill-stem test; HGCM, heavily gas cut mud; CFG, cubic feet of gas; CC O, cubic centimeters of oil; WC, water cushion; SOCW, slightly oil cut water.