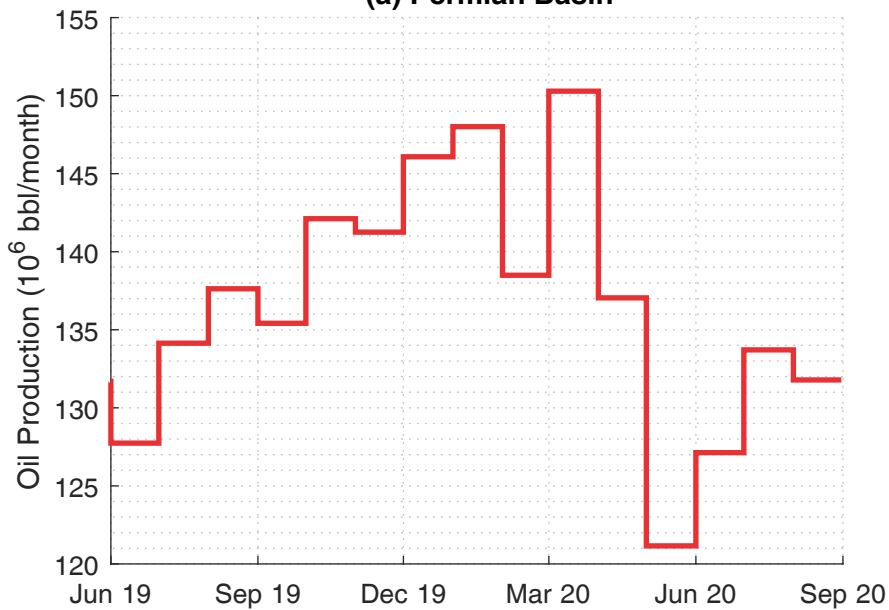
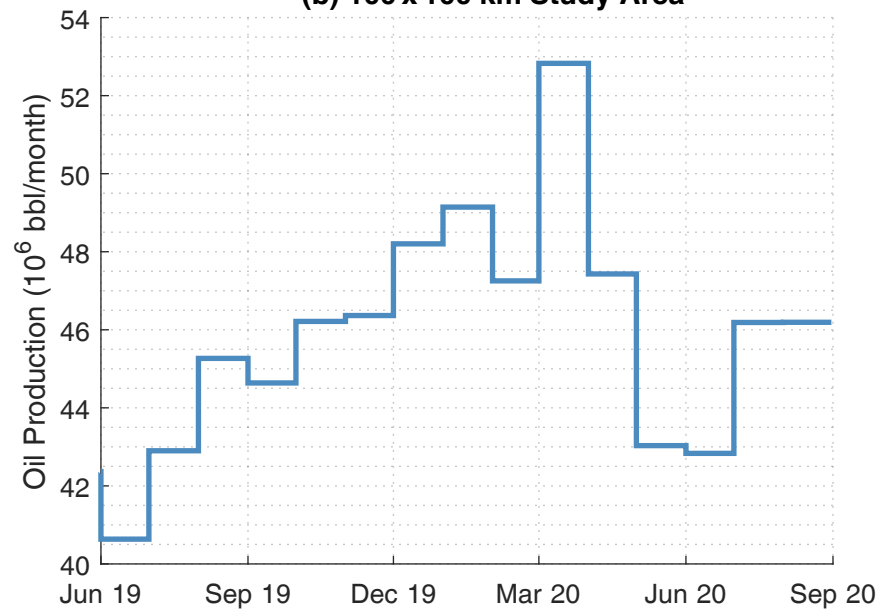
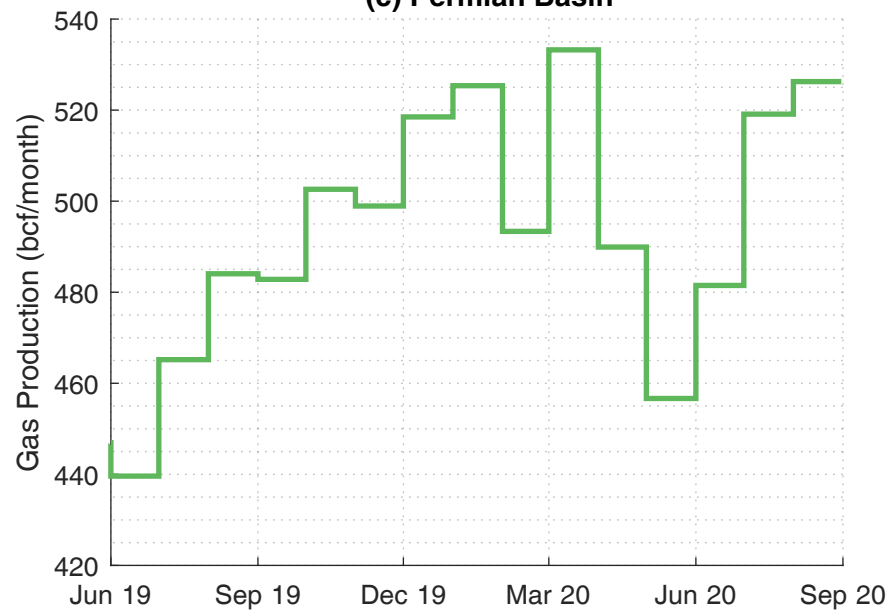


**(a) Permian Basin****(b) 100 x 100 km Study Area****(c) Permian Basin****(d) 100 x 100 km Study Area**