



The Value of Geomechanics in naturally Fractured Sandstone Gas Reservoir Development in Kuqa Depression, Tarim Basin

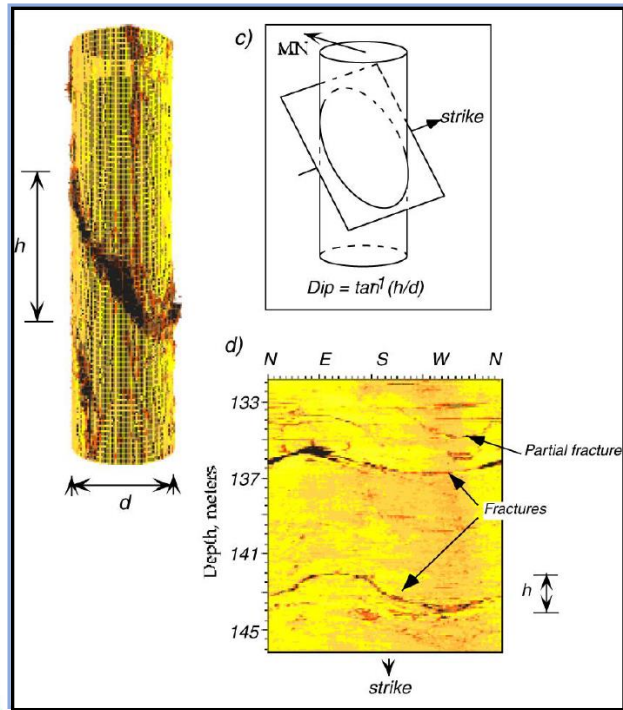
Tarim Oilfield Company, CNPC

#WGC2018
FUELING THE FUTURE

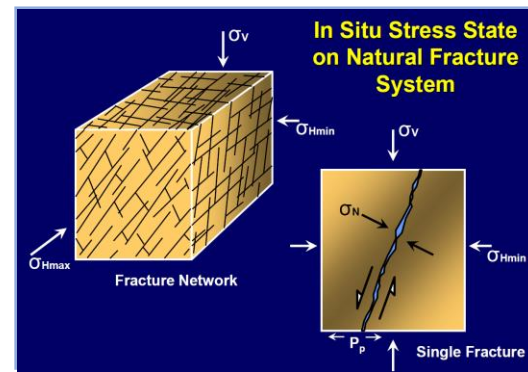


Geomechanics is a bridge that connects geologic to engineering to solve problem

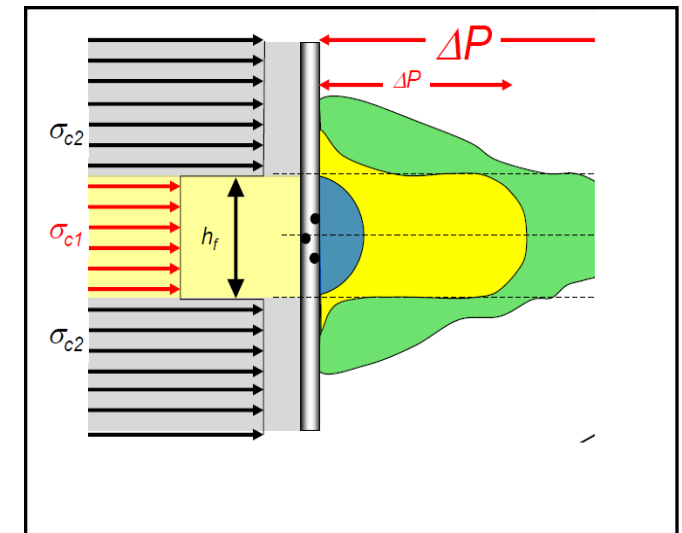
Geology



Geomechanics



Engineering

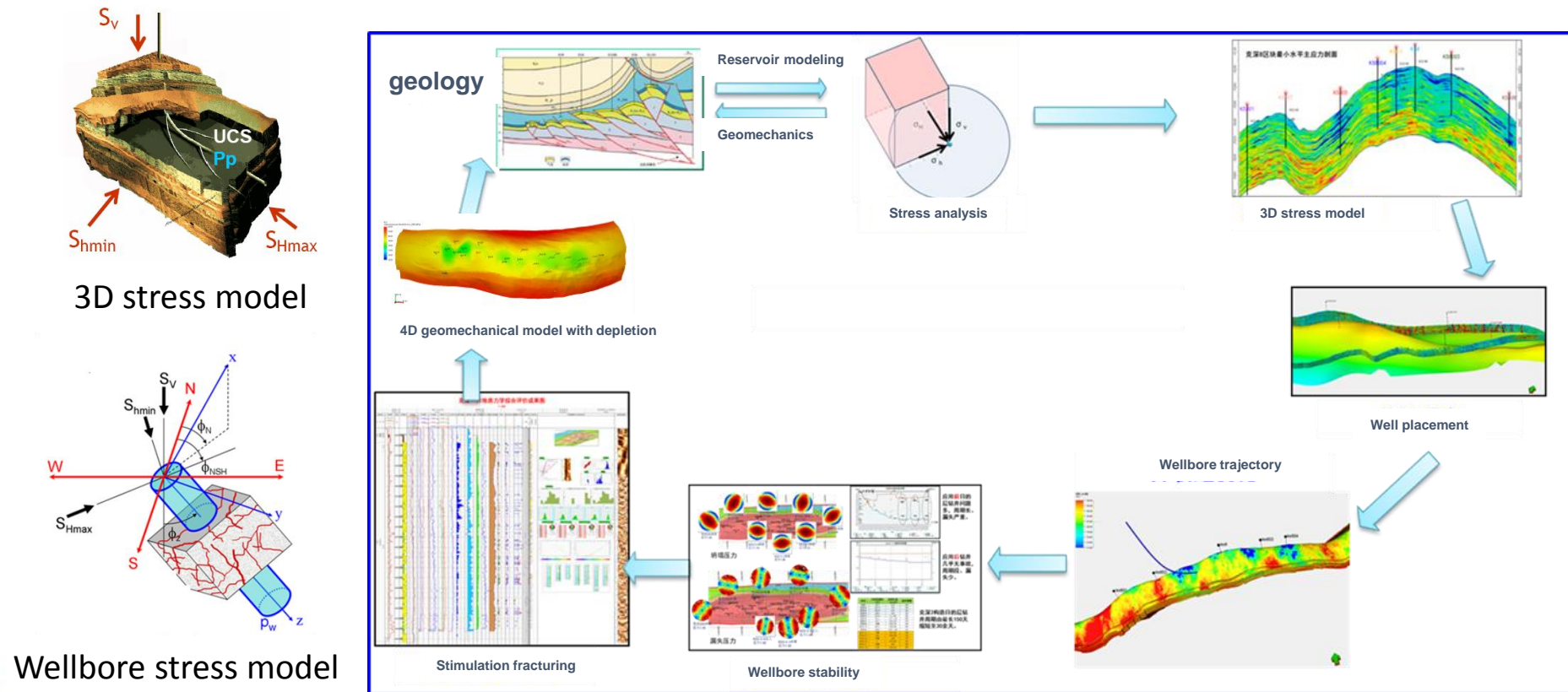


Parameters of drilling, completion, development

Structure, fractures faults...

translate geology into practicable data in engineering program

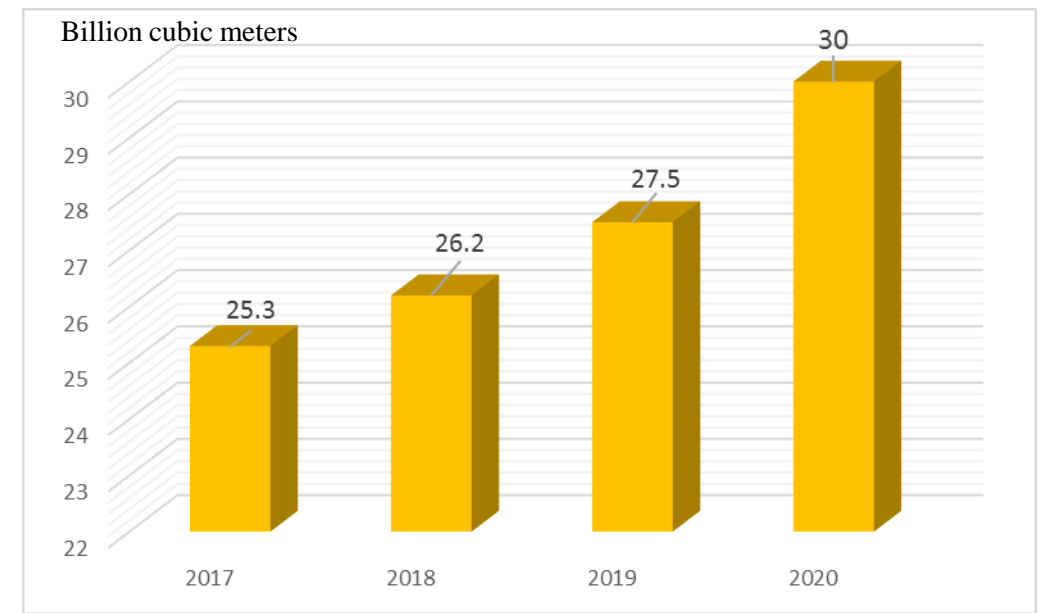
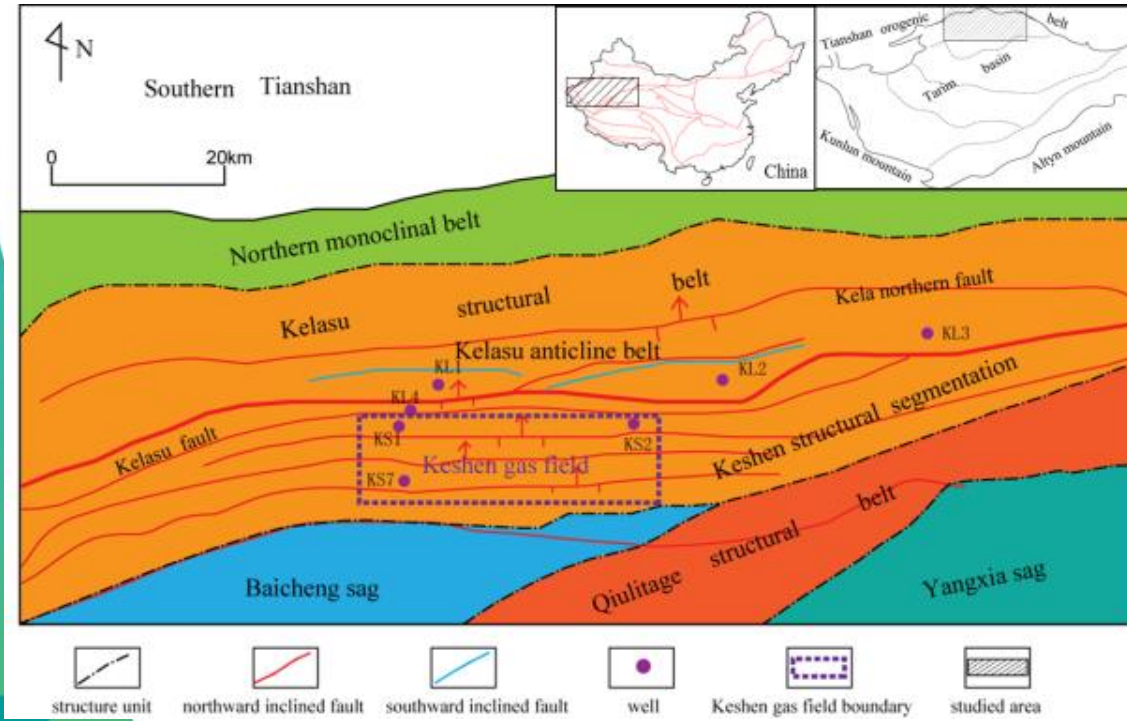
An integrated research combined geology, geomechanics and petroleum engineering was conducted



Work flow of geomechanics technology in Kuqa Depression

Value of geomechanics to natural gas, reducing drilling NPT, designing fracturing parameters, optimizing development program

The production of natural gas increases year by year. In 2020, will be over 30 billion cubic meters in Tarim Basin



Thank You! Questions?