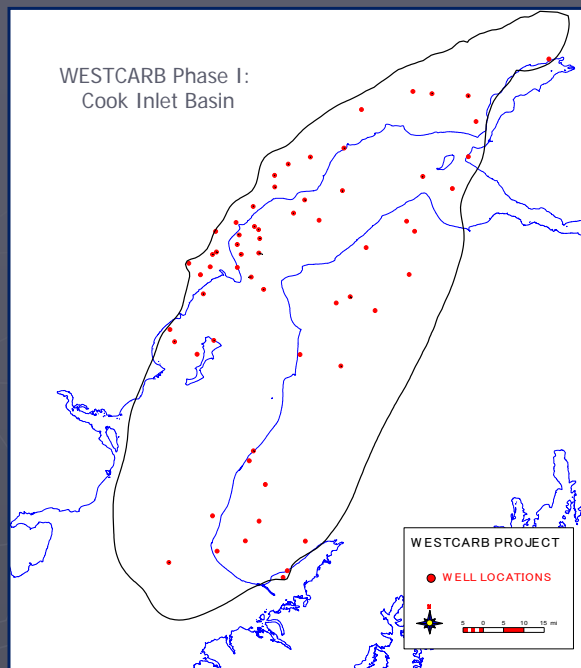
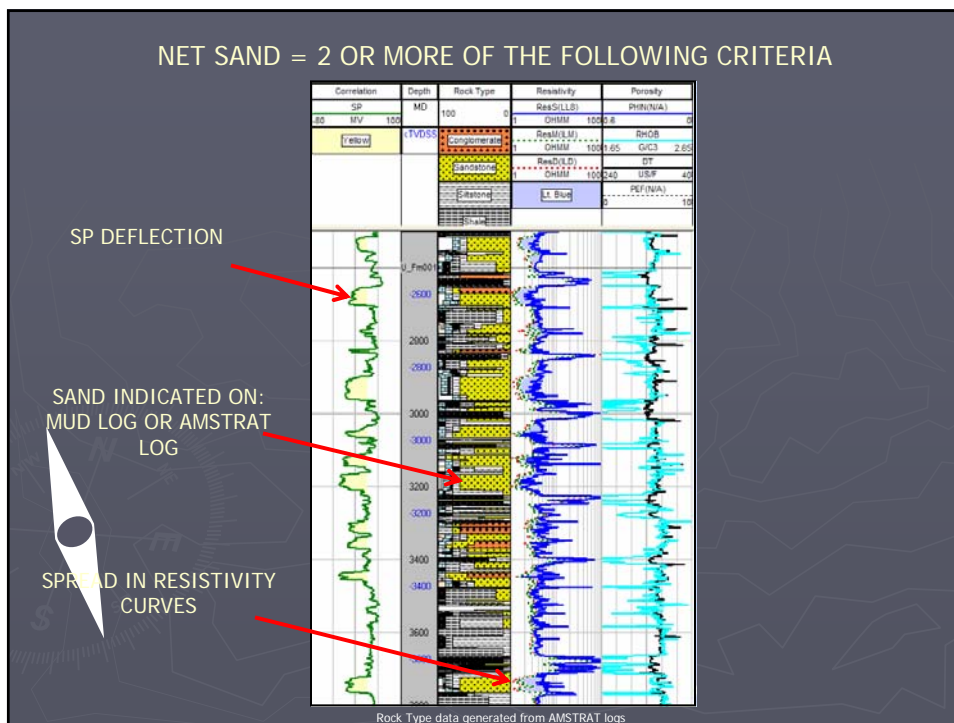
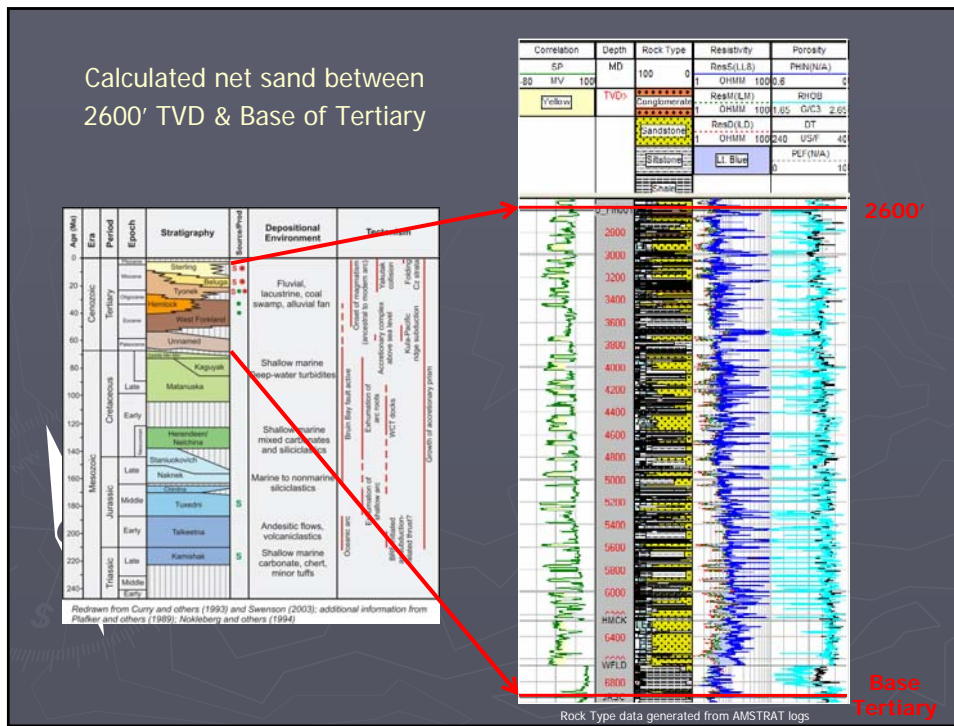


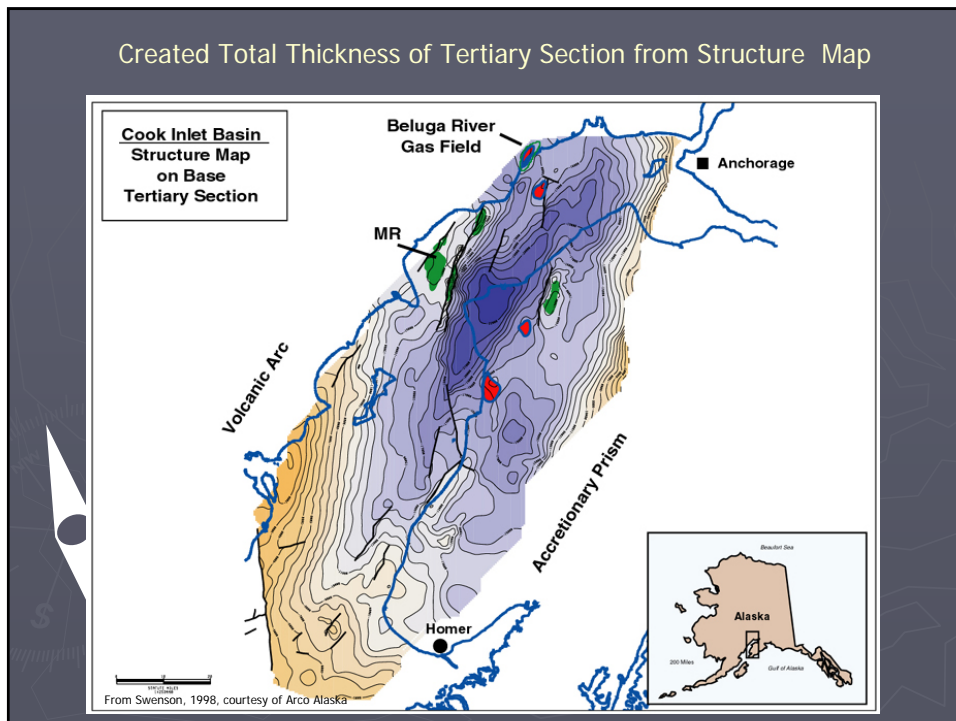
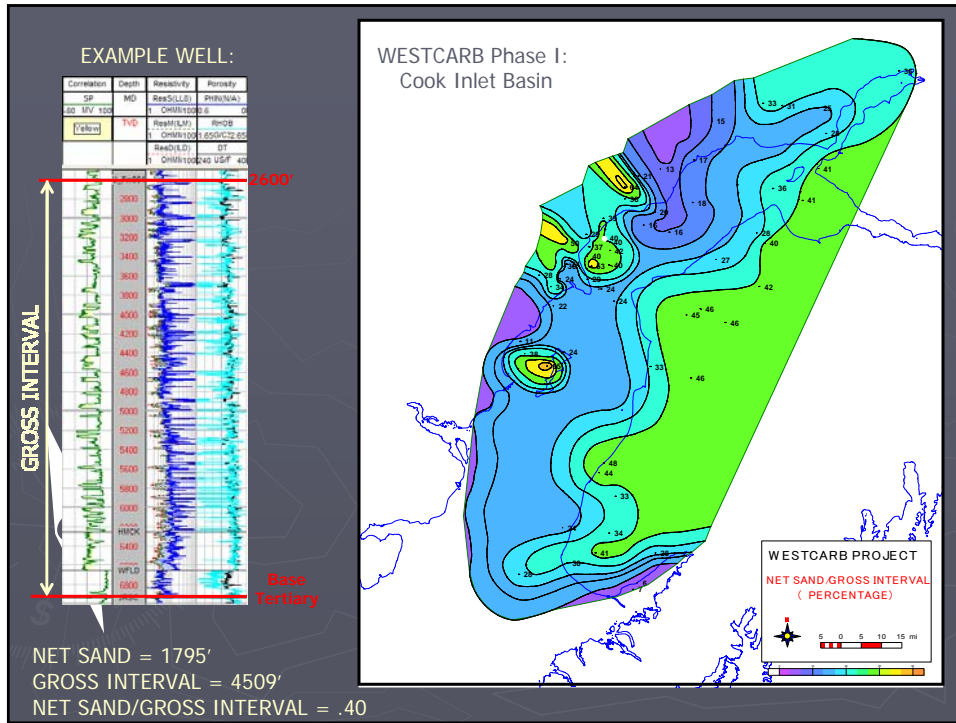
WESTCARB Phase I: Cook Inlet Basin

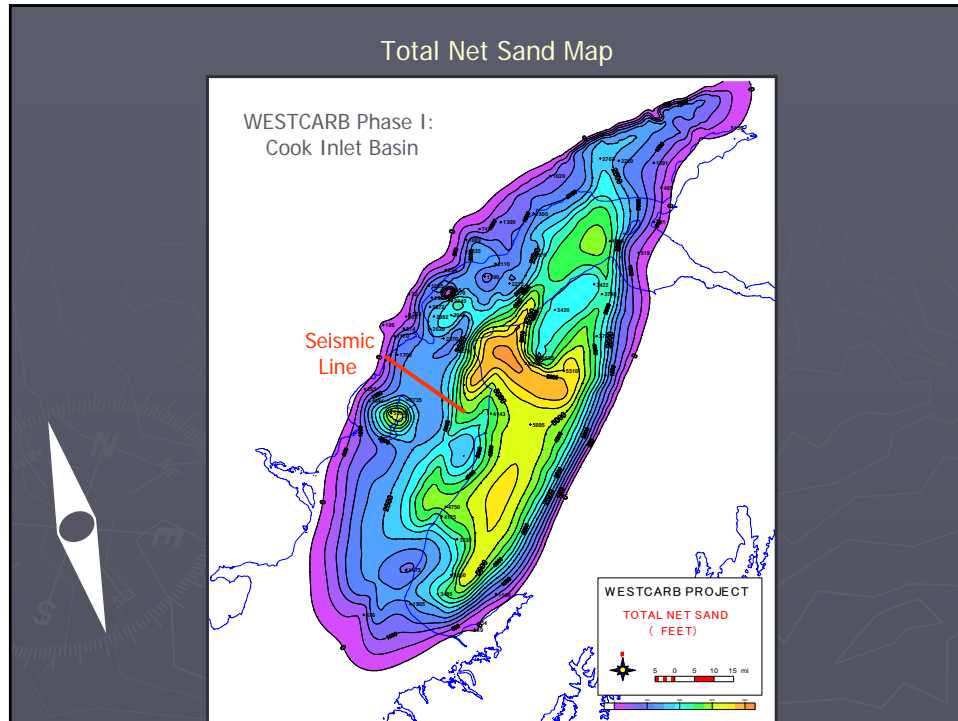
- ▶ Incorporated 61 wells distributed around the basin
- ▶ Calculated net sand between 2600' TVD and base of Tertiary section
- ▶ Net sand includes oil, gas, and saline sands
- ▶ Created a net sand to gross interval grid
- ▶ Created total thickness grid of Tertiary Section
- ▶ Multiplied net to gross grid by total thickness grid
- ▶ Calculated average porosity value for reservoir sands
- ▶ Calculated total pore volume

Incorporated
61 wells









WESTCARB Phase I: Pore Volume Calculation

$$\begin{aligned} \text{Pore Volume Net Sand} &= (\text{total net sand volume}) * (\text{Average porosity}) \\ &= (12,796,356,346 \text{ acre-ft}) * (0.19) \\ &= 2,431,307,706 \text{ acre-ft} \\ &= 2,431,307,706 \text{ acre-ft} * 7758 \text{ barrels/acre-ft} \\ &= 18,862,085,181,130 \text{ barrels} \end{aligned}$$

***note: porosity value is still a work in progress

