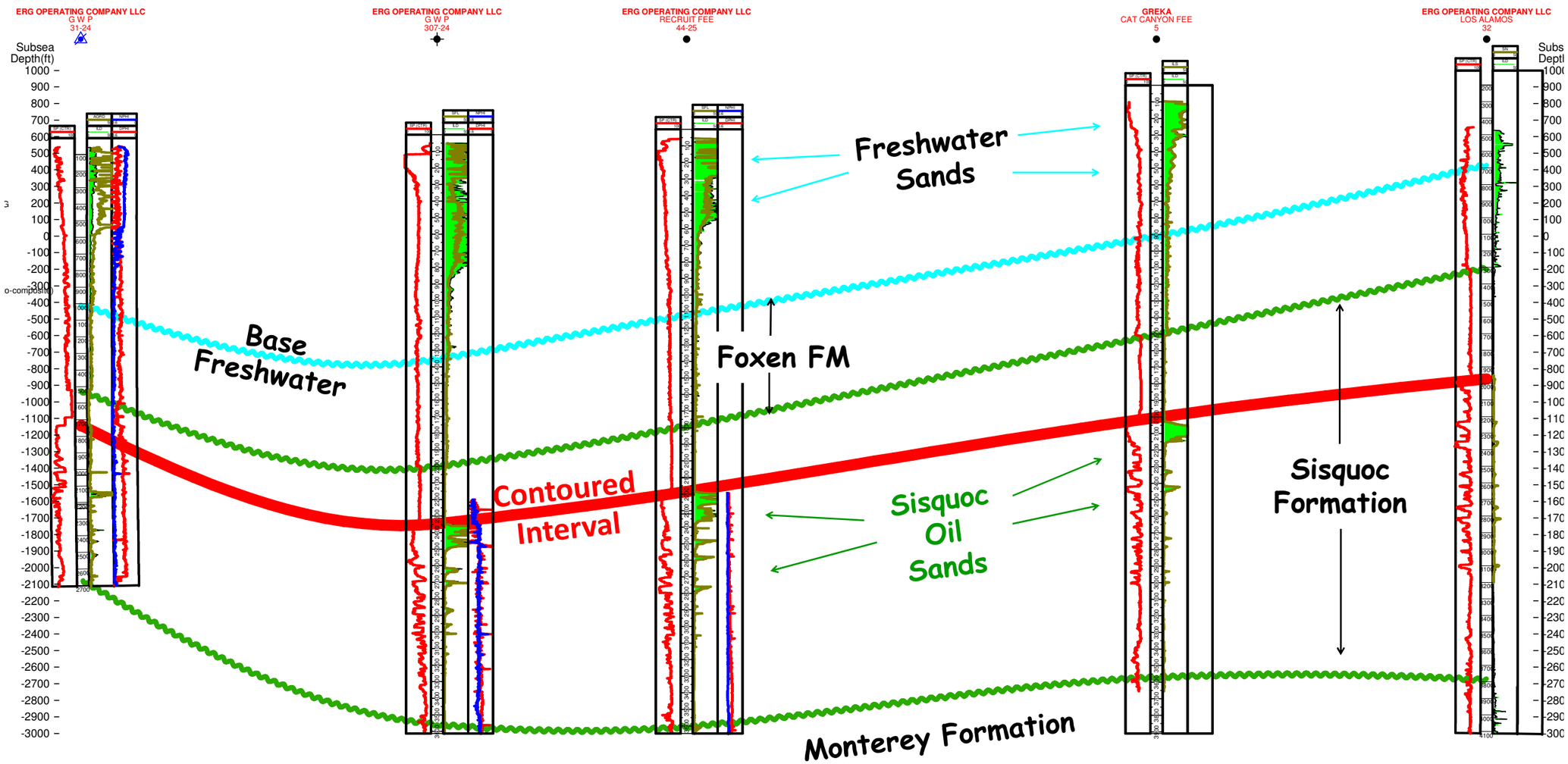North-South Structural Cross Section