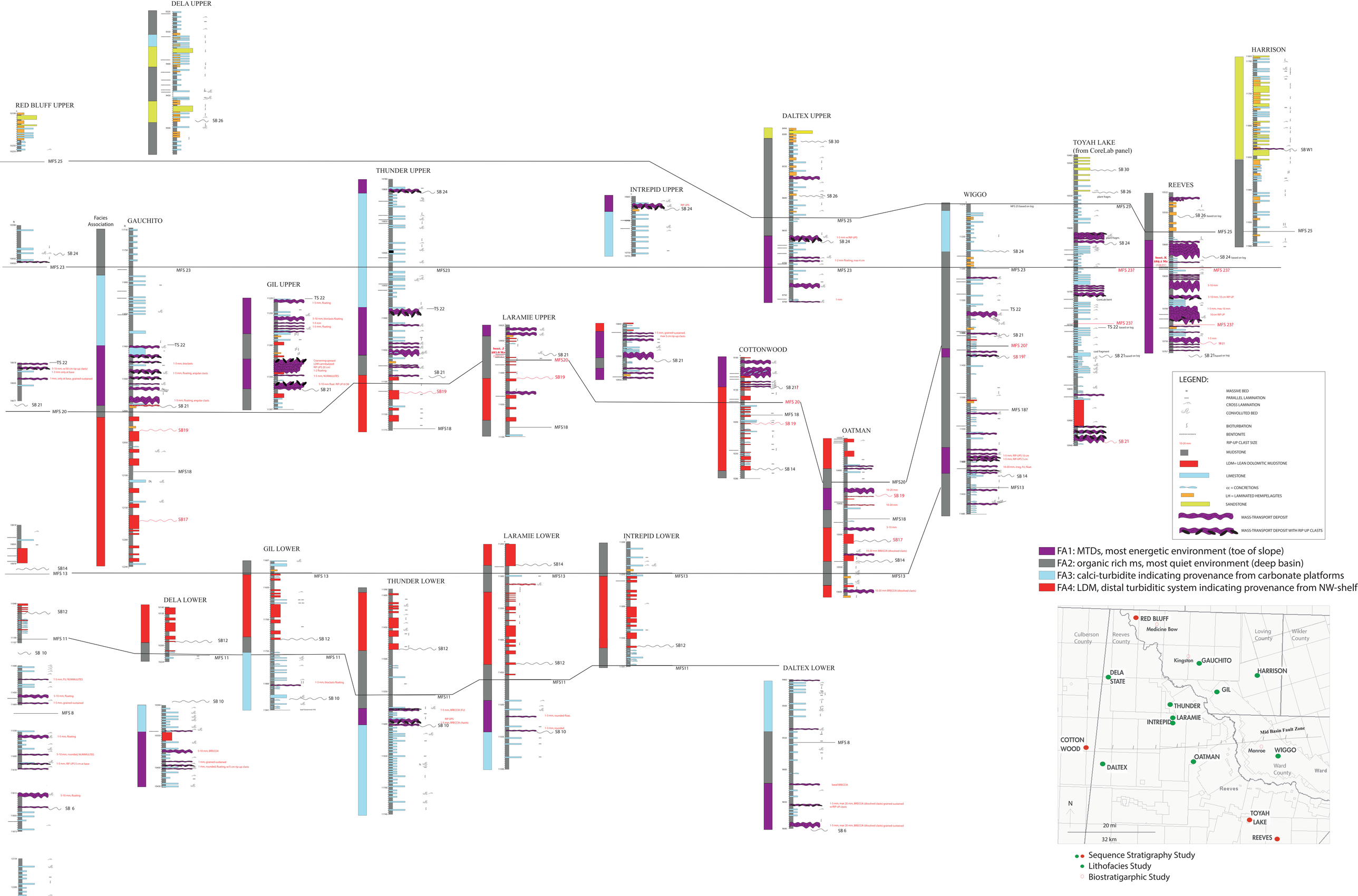
DELA UPPER
RED BLUFF UPPER
MFS 25
Facies Association
GAUCHITO
MFS 23
MFS 20
GIL UPPER
THUNDER UPPER
MFS23
MFS18
LARAMIE UPPER
INTREPID UPPER
COTTONWOOD
DALTEX UPPER
OATMAN
WIGGO
TOYAH LAKE
(from CoreLab panel)
REEVES
HARRISON
GIL LOWER
MFS 13
DELA LOWER
MFS 11
THUNDER LOWER
LARAMIE LOWER
INTREPID LOWER
DALTEX LOWER
MFS 8
LEGEND:
MASSIVE BED
PARALLEL LAMINATION
CROSS LAMINATION
CONVOLUTED BED
BIOTURBATION
BENTONITE
RIP-UP CLAST SIZE
MUDSTONE
LDM= LEAN DOLOMITIC MUDSTONE
LIMESTONE
cc = CONCRETIONS
LH = LAMINATED HEMIPELAGITES
SANDSTONE
MASS-TRANSPORT DEPOSIT
MASS-TRANSPORT DEPOSIT WITH RIP UP CLASTS
FA1: MTDs, most energetic environment (toe of slope)
FA2: organic rich ms, most quiet environment (deep basin)
FA3: calci-turbidite indicating provenance from carbonate platforms
FA4: LDM, distal turbiditic system indicating provenance from NW-shelf
RED BLUFF
Medicine Bow
Culberson County
Reeves County
Loving County
Wilkler County
Kingston
GAUCHITO
HARRISON
DELA STATE
GIL
THUNDER
INTREPID
LARAMIE
Mid Basin Fault Zone
COTTON WOOD
Monroe
WIGGO
OATMAN
DALTEX
Ward County
Ward
Reeves
N
20 mi
32 km
TOYAH LAKE
REEVES
Sequence Stratigraphy Study
Lithofacies Study
Biostratigarphic Study