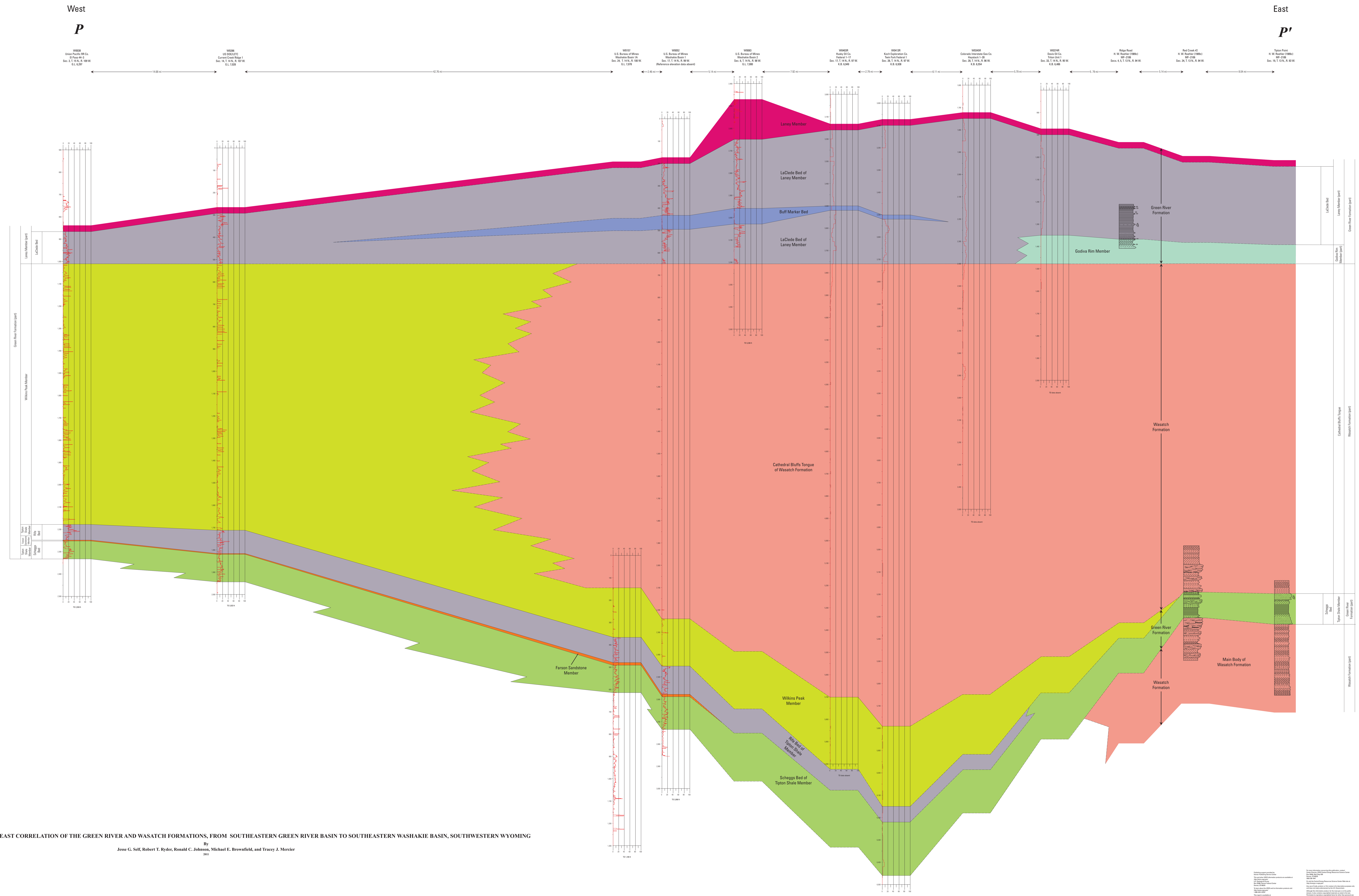
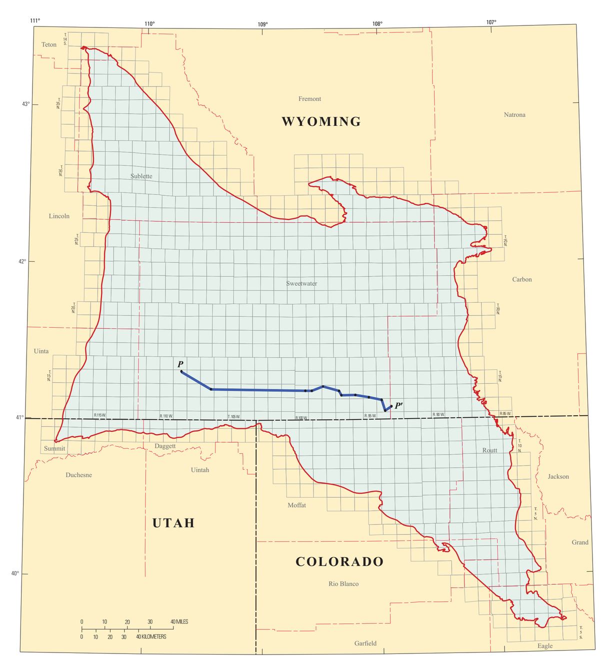


INDEX MAP



EXPLANATION

- Cross section
- County line
- State line
- Location of well or measured section
- Greater Green River Basin boundary

EXPLANATION

- Mixed tan or gray freshwater lacustrine and sandstone deposits, and gray or green flood-plain mudstone and sandstone deposits
- Tan tuffaceous siltstone
- Brown or black saline lacustrine oil shale deposits
- Gray or green mudflat mudstone and playa-lake dolomite deposits
- Mostly red fluvial sandstone and mudstone
- Tan, brown, or black oil shale interbedded with sandstone, mudstone and sodium bicarbonate minerals
- Tan or brown freshwater lacustrine oil shale deposits
- Gray or tan lacustrine sandstone deposits

W0038	USGS number
Union Pacific RR Co.	Company name
El Paso 44–3	Well name
Sec. 3, T. 15 N., R. 109 W.	Location (section, township, range)
G.L. 6,291	Reference elevation—K.B., Kelly bushing; G.L., Ground level, in feet

TD 2,359 ft Total depth of well—In feet

KEY TO OIL YIELD HISTOGRAMS

Oil yield—In gallons per ton

KEY TO MEASURED SECTION

Ridge Road	Section Name
H. W. Roehler (1989c)	Author (date)
MF–2106	Publication
Secs. 4, 5, T. 13 N., R. 94 W.	Location (section, township, range)

LITHOLOGY

- Gray or tan conglomerate
- Gray or tan sandstone—Parallel bedded (top); trough crossbedded (middle); massive or indistinguishable bedding (bottom)
- Gray or tan siltstone
- Gray or green shale
- Tan, brown, or black oil shale
- Tan or light-brown slightly kerogenaceous shale
- Gray or green mudstone
- Variegated mudstone with shades of red predominating
- Gray dolomitic limestone
- Gray or tan algal limestone
- Gastropods
- Ostracodes

200 FEET
100
0

0 1 2 3 4 5 MILES

CROSS SECTION *P–P′* SHOWING WEST TO EAST CORRELATION OF THE GREEN RIVER AND WASATCH FORMATIONS, FROM SOUTHEASTERN GREEN RIVER BASIN TO SOUTHEASTERN WASHAKIE BASIN, SOUTHWESTERN WYOMING

By
Jesse G. Self, Robert T. Ryder, Ronald C. Johnson, Michael E. Brownfield, and Tracey J. Mercier
2011

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