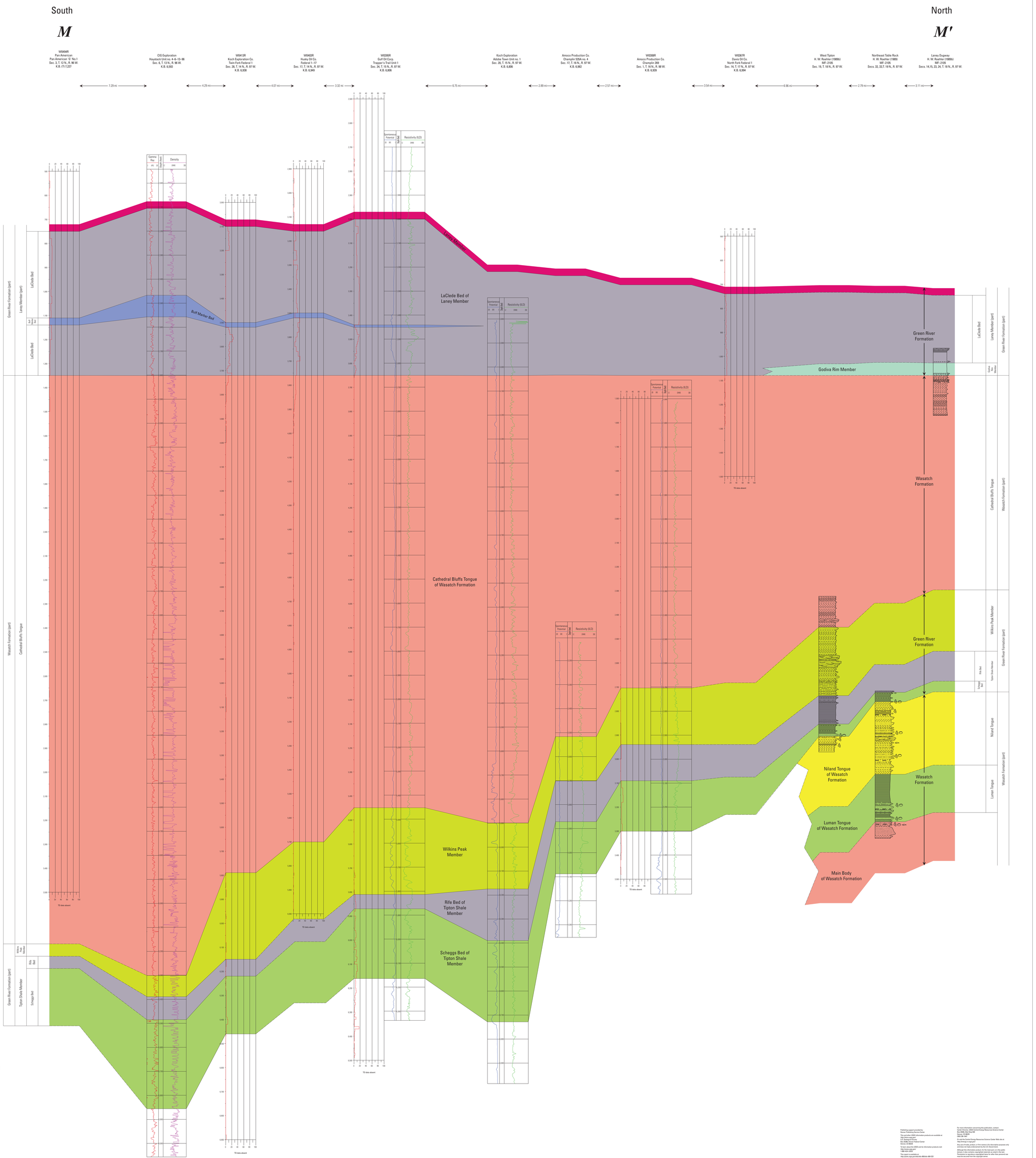
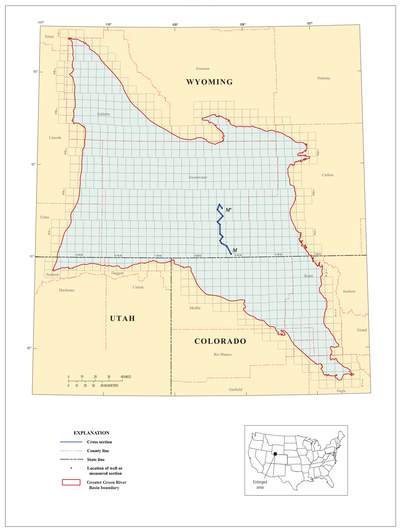


INDEX MAP



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
- Paludal (coal-bearing) deposits, gray or tan lacustrine sandstone deposits, and tan or brown freshwater lacustrine oil shale deposits

W0000	**USGS number**
Pan American	**Company name**
Pan American 'D' No.1	**Well name**
Sec. 3, T. 13 N., R. 96 W.	**Location (section, township, range)**
K.B. (?) 7,227	**Reference elevation**—K.B., Kelly bushing; G.L., Ground level, in feet
TD data absent	**Total depth of well**—In feet

KEY TO OIL YIELD HISTOGRAMS

Oil yield—In gallons per ton

KEY TO GEOPHYSICAL LOGS

Gamma Ray—In American Petroleum Institute Units

Spontaneous potential base—In mV

Resistivity (ILD)—In ohm

Neutron density

CIG Exploration	**Company Name**
Haystack Unit no. 4-6–13–96	**Well Name**
Sec. 6, T. 13 N., R. 96 W.	**Location (section, township, range)**
K.B. 6,593	**Reference Elevation**—K.B. Kelly Bushing, in feet

KEY TO MEASURED SECTION

West Tipton	**Section Name**
H. W. Roehler (1989a)	**Author (date)**
MF–2105	**Publication**
Sec. 19,T. 18 N., R. 97 W.	**Location (section, township, range)**

LITHOLOGY

- **Gray or tan sandstone**—Purified bedded (top), tough 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**
- **Gray or tan tuff**
- **Brown or dark-gray carbonaceous shale**
- **Gastropods**
- **Pelecypods**
- **Fish bones and scales**
- **Ostracodes**

200 FEET
100
0
0 1 2 3 4 5 MILES

CROSS SECTION *M–M′* SHOWING SOUTH TO NORTH CORRELATION OF THE GREEN RIVER AND WASATCH FORMATIONS, CENTRAL 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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