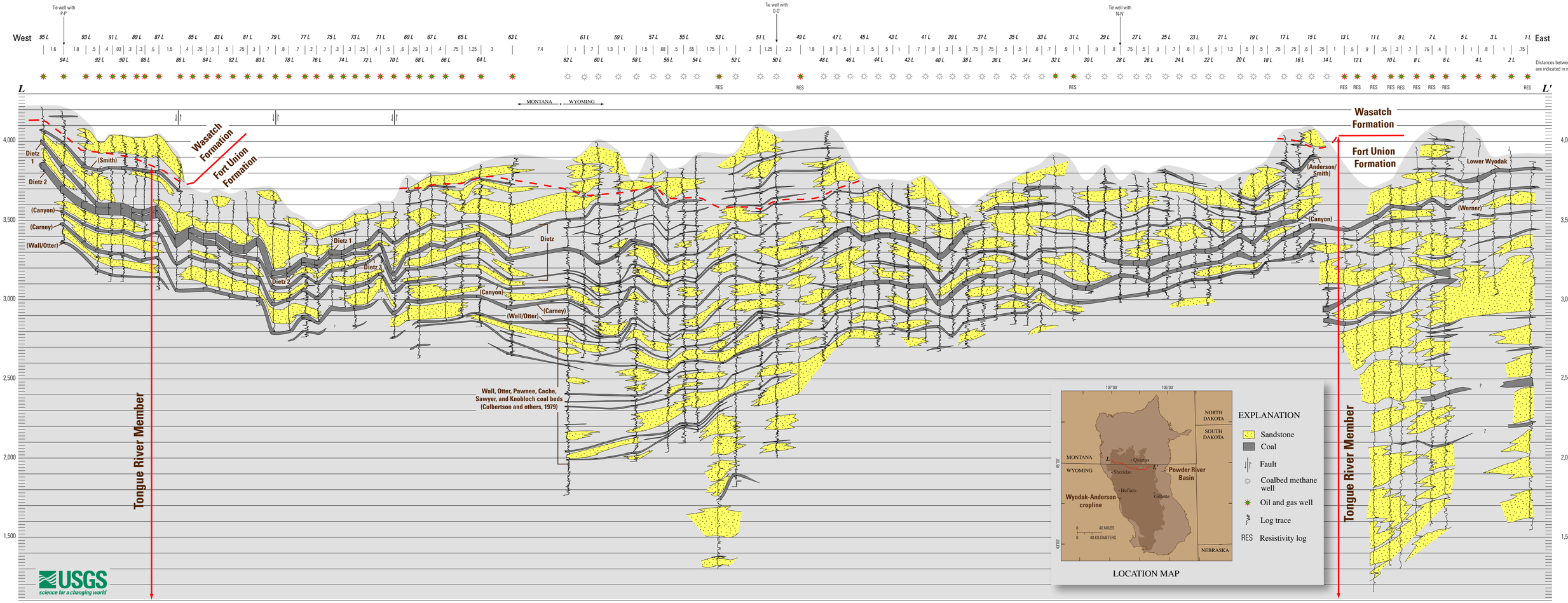
West
East
Tie well with P-P'
Tie well with O-O'
Tie well with N-N'
Distances between wells are indicated in miles
L
L'
MONTANA
WYOMING
Wasatch Formation
Fort Union Formation
Tongue River Member
Dietz 1
(Smith)
Dietz 2
(Canyon)
(Carney)
(Wall/Otter)
Dietz 3
Dietz
Wall, Otter, Pawnee, Cache, Sawyer, and Knobloch coal beds (Culbertson and others, 1979)
(Anderson/ Smith)
Lower Wyodak
(Werner)
4,000
3,500
3,000
2,500
2,000
1,500
USGS
science for a changing world
107°00'
105°00'
45°00'
43°00'
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
Quietus
Sheridan
Buffalo
Gillette
Powder River Basin
Wyodak-Anderson cropline
0 40 MILES
0 40 KILOMETERS
LOCATION MAP
EXPLANATION
Sandstone
Coal
Fault
Coalbed methane well
Oil and gas well
Log trace
RES Resistivity log
Datum (ft. above sea level)

Figure 14