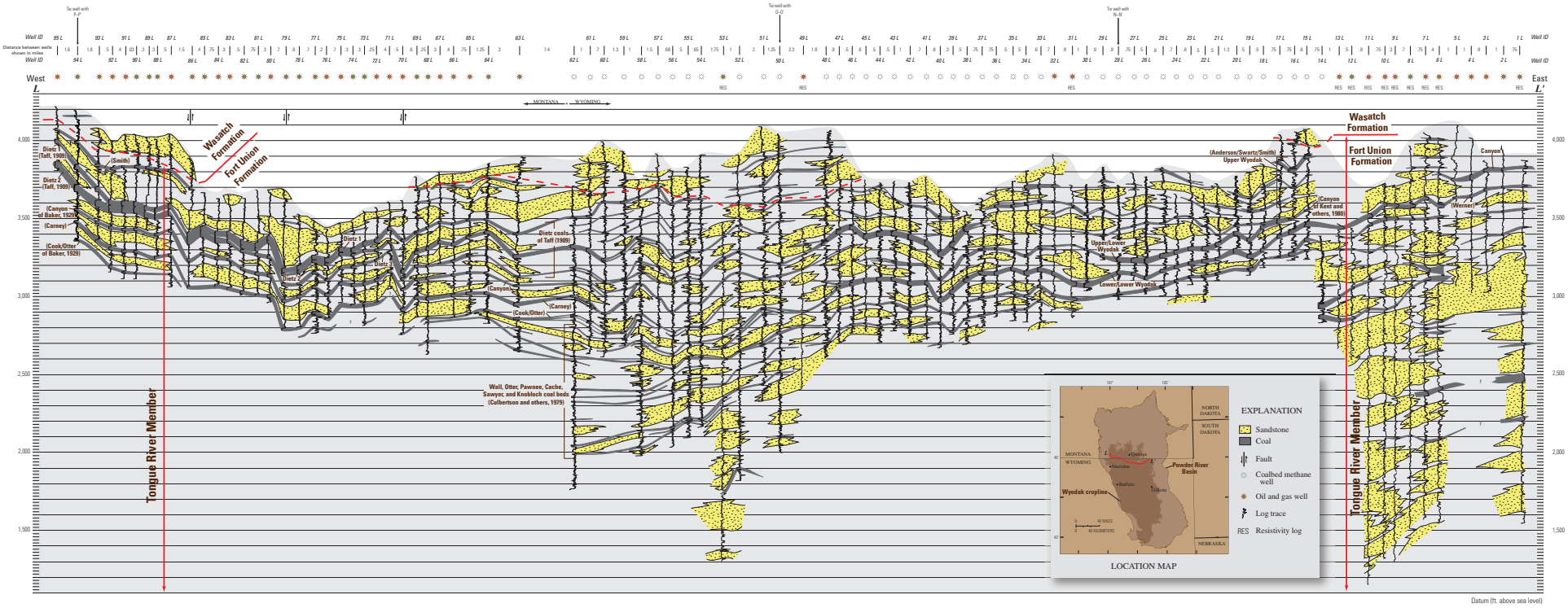
West
East
L
L'
Wall ID
Distance between wells shown in miles
MONTANA
WYOMING
Wasatch Formation
Fort Union Formation
Tongue River Member
Dietz 1 (Taff, 1909)
Dietz 2 (Taff, 1909)
(Smith)
(Canyon of Baker, 1929)
(Carney)
(Cook/Otter of Baker, 1929)
Dietz 1
Dietz 2
Dietz coals of Taff (1909)
(Canyon)
(Carney)
(Cook/Otter)
Wall, Otter, Pawnee, Cache, Sawyer, and Knobloch coal beds (Culbertson and others, 1979)
(Anderson/Swartz/Smith) Upper Wyodak
Upper/Lower Wyodak
Lower/Lower Wyodak
(Canyon Oil Kent and others, 1980)
(Canyon)
(Werner)
4,000
3,500
3,000
2,500
2,000
1,500
Datum (ft. above sea level)
EXPLANATION
Sandstone
Coal
Fault
Coalbed methane well
Oil and gas well
Log trace
RES Resistivity log
LOCATION MAP
NORTH DAKOTA
SOUTH DAKOTA
MONTANA
WYOMING
NEBRASKA
Powder River Basin
Wyodak cropline
Buffalo
Sheridan
Gillette
Quarter
50 MILES
40 KILOMETERS

Figure 16