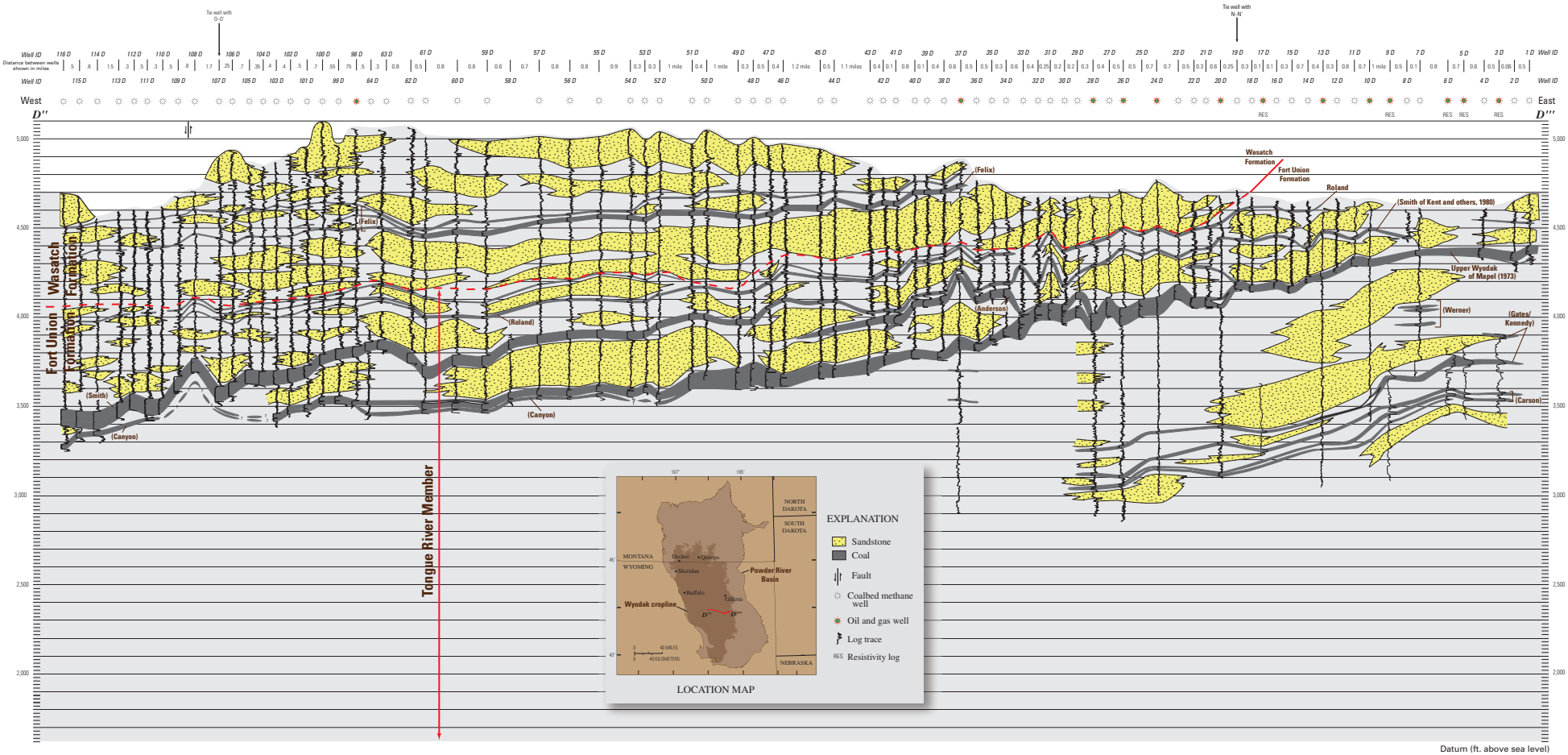
Tie well with O–O'
Tie well with N–N'
Well ID
Distance between wells shown in miles
West
East
D''
D'''
RES
Wasatch Formation
Fort Union Formation
Roland
(Smith of Kent and others, 1980)
Upper Wyodak of Mapel (1973)
(Felix)
(Roland)
(Anderson)
(Werner)
(Gates/ Kennedy)
(Carson)
(Smith)
(Canyon)
Tongue River Member
5,000
4,500
4,000
3,500
3,000
2,500
2,000
NORTH DAKOTA
SOUTH DAKOTA
MONTANA
WYOMING
NEBRASKA
Decker
Quintus
Sheridan
Buffalo
Gillette
Powder River Basin
Wyodak cropline
40 MILES
40 KILOMETERS
LOCATION MAP
EXPLANATION
Sandstone
Coal
Fault
Coalbed methane well
Oil and gas well
Log trace
Resistivity log
Datum (ft. above sea level)

Figure 8