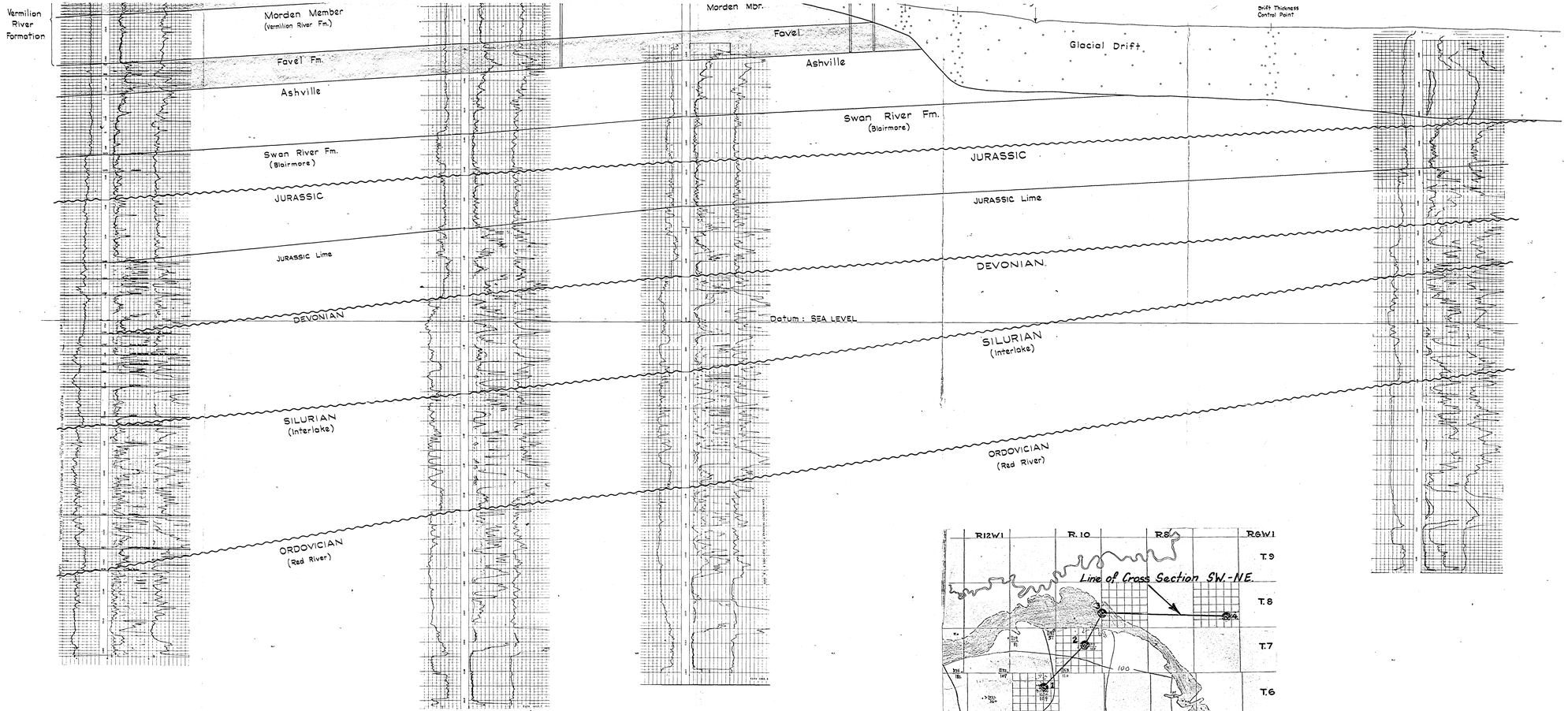
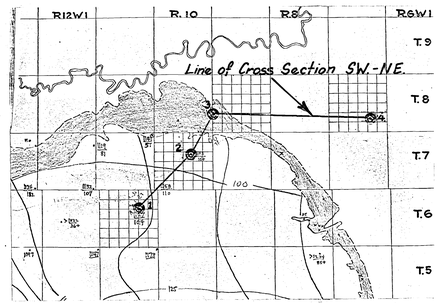




INDEX MAP
Scale: 1" = 4 miles.

ATLANTIC

Canadian Region

Southern Alberta District

PEMBINA AREA

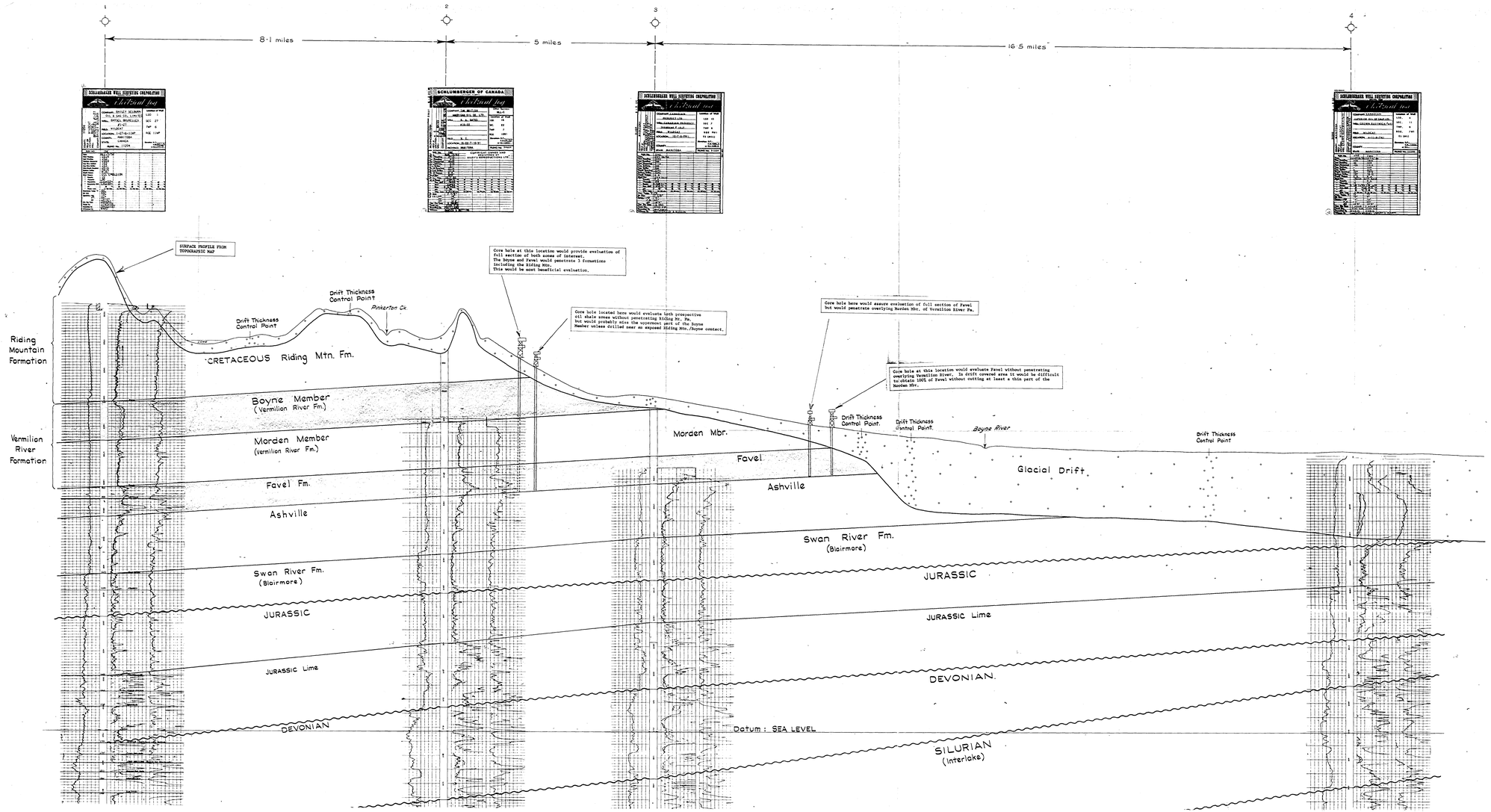
Southern Manitoba

STRUCTURAL CROSS-SECTION SHOWING DEPTHS OF PENNSYLVANIAN

(Control from wells and Government Topographic Maps)

Datum: Sea Level
Vert. Scale: 1" = 100'
Horiz. Scale: 1.5" = 1 mile
Geology: A. D. Fraser
Date: April 22nd, 1965
Approved:

G.S. Strata Examiners
Vol 11-13
Canadian 1965
1 of 2


1
2
3
4
8·1 miles
5 miles
16·5 miles
SCHLUMBERGER WELL SURVEYING CORPORATION
Electrical log
SCHLUMBERGER OF CANADA
SURFACE PROFILE FROM TOPOGRAPHIC MAP
Core hole at this location would provide evaluation of full section of both zones of interest. The Boyne and Favel would penetrate 3 formations. This would be Riding Mtn. This would be most beneficial evaluation.
Core hole located here would evaluate high prospective oil shale zones without penetrating Riding Mt. Fm. but would probably miss the uppermost part of the Boyne Member unless drilled near an exposed Riding Mtn./Boyne contact.
Core hole here would assure evaluation of full section of Favel but would penetrate overlying Morden Mbr. of Vermilion River Fm.
Core hole at this location would evaluate Favel without penetrating overlying Vermilion River. In drift covered area it would be difficult to obtain 100% of Favel without cutting at least a thin part of the Morden Mbr.
Drift Thickness Control Point
Pinkerton Ck.
Boyne River
Riding Mountain Formation
Vermilion River Formation
CRETACEOUS Riding Mtn. Fm.
Boyne Member (Vermilion River Fm.)
Morden Member (Vermilion River Fm.)
Morden Mbr.
Favel Fm.
Favel
Ashville
Glacial Drift
Swan River Fm. (Blairmore)
JURASSIC
JURASSIC Lime
DEVONIAN
Datum : SEA LEVEL
SILURIAN (Interlake)