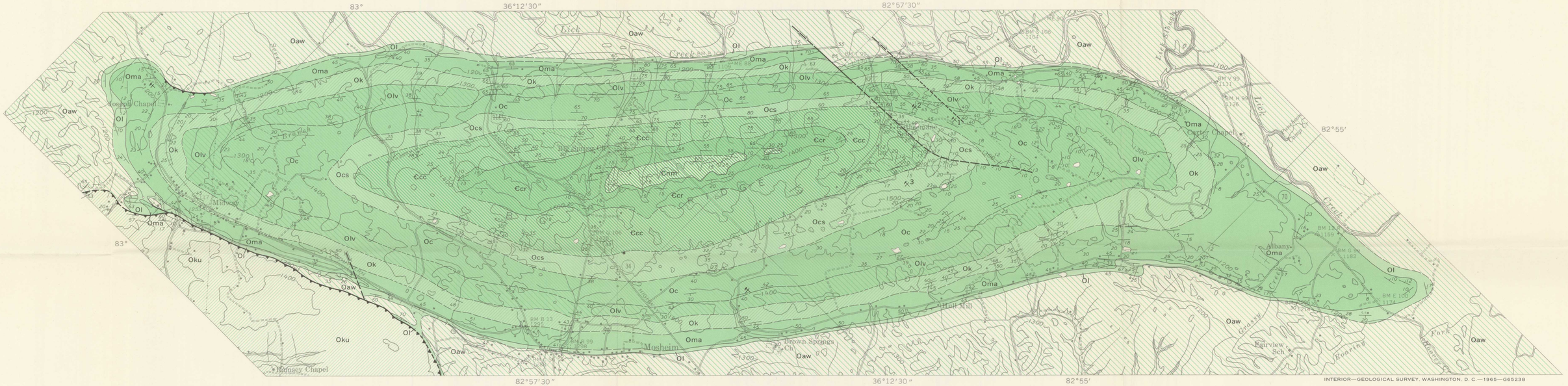

Base from Tennessee Valley Authority and U.S. Geological Survey topographic quadrangles: Mohawk, 1939, and Mosheim, 1939

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1965

Geology by J. C. Dunlap and John Rodgers, 1944

GEOLOGIC MAP OF THE MOSHEIM ANTICLINE GREENE COUNTY, TENNESSEE

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

ORDOVICIAN

Middle Ordovician

- **Oaw** — Athens Shale and Whitesburg Limestone
- **Ol** — Lenoir Limestone *Includes Mosheim Member*

Lower Ordovician

- **Oma** — Mascot Dolomite
- **Ok** — Kingsport Limestone
- **Olv** — Longview Dolomite
- **Oc / Ocs** — Chepultepec Dolomite; Ocs, *basal sandy member*
- **Oku** — Knox Group undifferentiated

CAMBRIAN

Upper Cambrian

- **Ꞓcc** — Conococheague Limestone
- **Ꞓcr** — Copper Ridge Dolomite
- **Ꞓnm** — Maynardville Limestone Member of Nolichucky Shale

Contact
Dashed where approximately located; short dashed where inferred

Thrust fault
Dashed where approximately located; short dashed where inferred. Sawteeth on upper plate

Tear fault
Dashed where approximately located; short dashed where inferred. Arrows indicate relative movement

20
Strike and dip of beds

Strike of vertical beds

1
Prospects
1, *Brown*
2, *Tipton*
3, *Colvard*