M

Coastal Petroleum
Ragland 1
sec. 16, T. 15 S., R. 13 E.
Levy County, Fla.
Alt 14 ft
58

Sun Oil
J. T. Goethe 1
sec. 31, T. 14 S., R. 17 E.
Levy County, Fla.
Alt 34 ft
59

Sun Oil
Henry Camp 1
sec. 16, T. 16 S., R. 23 E.
Marion County, Fla.
Alt 74 ft
64

Sun Oil
Powell Land 1
sec. 11, T. 17 S., R. 31 E.
Volusia County, Fla.
Alt 48 ft
57

N

21.6 miles — 40 miles — 48 miles

SYSTEM | SERIES | GULF COAST EQUIVALENT

TERTIARY | Eocene | Rocks of Jackson age
TERTIARY | Eocene | Rocks of Claiborne age
TERTIARY | Eocene | Rocks of Wilcox age
TERTIARY | Paleocene | Rocks of Midway age
TERTIARY | Paleocene | Rocks of Wilcox age
CRETACEOUS | Upper | Rocks of Navarro age
CRETACEOUS | Upper | Rocks of Taylor age
CRETACEOUS | Upper | Rocks of Austin age
CRETACEOUS | Upper | Rocks of Woodbine and Eagle Ford age
CRETACEOUS | Lower | Rocks of Comanche age
PRE-MESOZOIC ROCKS

SEA LEVEL

Ocala Limestone (upper Eocene)

Miocene rocks

Post-Miocene rocks

TERTIARY AND QUATERNARY | Miocene

Avon Park Limestone (middle Eocene)

Upper beds may be Tallahassee Limestone

Upper beds may be faulted

Lake City Limestone (middle Eocene)

Oldsmar Limestone (lower Eocene)

Cedar Keys Limestone

Atkinson Formation

1000'
2000'
3000'
4000'
5000'

T. D. 5850 ft
in
Paleozoic(?) black shale

T. D. 3997 ft
in
Paleozoic(?)
quartzitic
sandstone

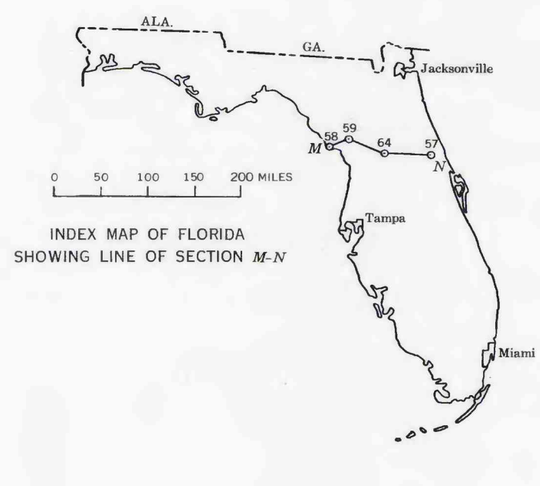
Note: Several normal faults trend southeast on the surface between wells 58, 59, and 64

PENINSULAR ARCH

T. D. 4637 ft
in
rhyolitic tuff

Correlations based primarily on the work of Applin and Applin (1944, 1947, and unpub. data)

T. D. 5958 ft
in
hornblende diorite



INDEX MAP OF FLORIDA
SHOWING LINE OF SECTION *M–N*

EXPLANATION

Electric log

Resistivity curve

Self potential curve

(Millivolt and ohm scales omitted)

5 0 5 10 15 MILES

VERTICAL EXAGGERATION 106:1

GEOLOGIC SECTION *M–N*, ACROSS THE FLORIDA PENINSULA, SHOWING MESOZOIC AND CENOZOIC ROCKS