O

Gulf Oil
State of Florida 1
Lease 826-Y
lat 24°36'59" N., long 82°02' N.
Monroe County, Fla.
Alt 52 ft
111

Gulf Oil Corporation
State of Florida 1
Lease 373
sec. 2, T. 67 S., R. 29 E.
Monroe County, Fla.
Alt 23 ft
109

Gulf Oil Corporation
State of Florida 1
Lease 826-G
lat 25°00'53" N., long 81°05'54" W.
Monroe County, Fla.
Alt 21 ft
105

Sinclair Oil and Gas
H. R. Williams 1
sec. 24, T. 59 S., R. 40 E.
Monroe County, Fla.
Alt 20 ft
104

P

Bahamas Oil
Andros Island 1
lat 24°52'37" N., long 78°01'55" W.
Andros Island, Bahamas
Alt 20 ft
2

42.9 miles | 34 miles | 49.5 miles | 145 miles

SUGARLOAF KEY | BIG PINE KEY | FLORIDA BAY | KEY LARGO | STRAITS OF FLORIDA | ANDROS ISLAND | NORTHEAST PROVIDENCE CHANNEL

SEA LEVEL

Post-Miocene rocks

Rocks of Miocene age

Rocks of Oligocene age

No Ocala Limestone (Upper Eocene) identified

Cedar Keys Limestone

Sunniland Limestone

Tar and oil stains in cores

100 fms (fathoms)
200 fms
300 fms
400 fms

GREAT BAHAMA BANK

N. S.

7.3 miles — 500 fms

9.5 miles — 1000 fms

1500 fms

27.4 miles — 1800 fms

T. D. 11,968 ft
T. D. 12,631 ft
T. D. 15,455 ft
T. D. 15,475 ft
T. D. 14,585 ft

SYSTEM	SERIES	GULF COAST EQUIVALENT
TERTIARY	Miocene	TERTIARY AND QUATERNARY
	Oligocene	
	Eocene	Rocks of Wilcox age
	Paleocene	Rocks of Midway age
CRETACEOUS	Upper	Rocks of Gulf age
	Lower	Rocks of Fredericksburg age
		Rocks of Washita age
		Rocks of Trinity age
JURASSIC OR CRETACEOUS	Upper Jurassic or Lower Cretaceous (Neocomian)	

GULF COAST EQUIVALENT	SERIES	SYSTEM
TERTIARY AND QUATERNARY	Oligocene and Miocene	TERTIARY
Rocks of Wilcox, Claiborne, and Jackson age	Eocene	
Rocks of Midway age	Paleocene	
Rocks of Gulf age	Upper	CRETACEOUS
Rocks of Comanche age	Lower	

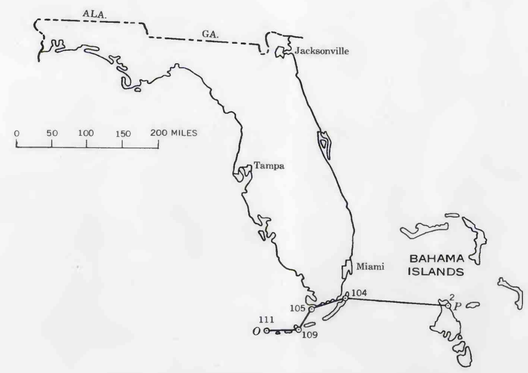
EXPLANATION

Lithologic log
- Limestone
- Dolomite
- Dolomitic limestone
- N. S. — No samples

Electric log
- Self potential curve
- Resistivity curve
- (Millivolt and ohm scales omitted)

Correlations based primarily on the work of Applin and Applin (1944, 1947, and unpub. data) and the sections prepared by the Southeastern Geological Society (1949) for the Geologic Names and Correlations Committee of the American Association of Petroleum Geologists

VERTICAL EXAGGERATION 106:1



INDEX MAP OF FLORIDA SHOWING LINE OF SECTION *O-P*

GEOLOGIC SECTION *O-P*, FROM FLORIDA KEYS TO ANDROS ISLAND, BAHAMA ISLANDS, SHOWING MESOZOIC AND CENOZOIC ROCKS AND RELATION OF SEA BOTTOM TO WELL BORES